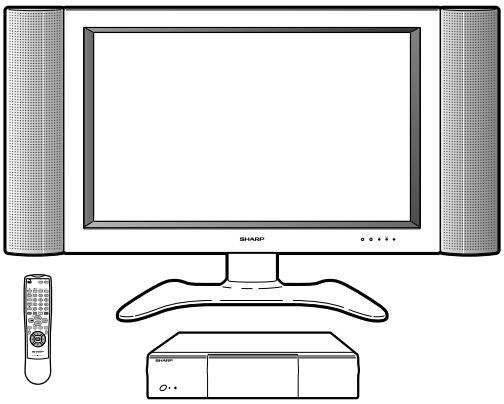
SHARP SERVICE MANUAL

S33Y2LC30HV4U



LCD COLOR TELEVISION

MODELS **LC-30HV4U**
LC-30HV4D

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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SHARP CORPORATION

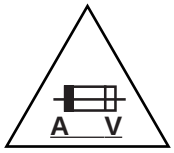
This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

■ **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.



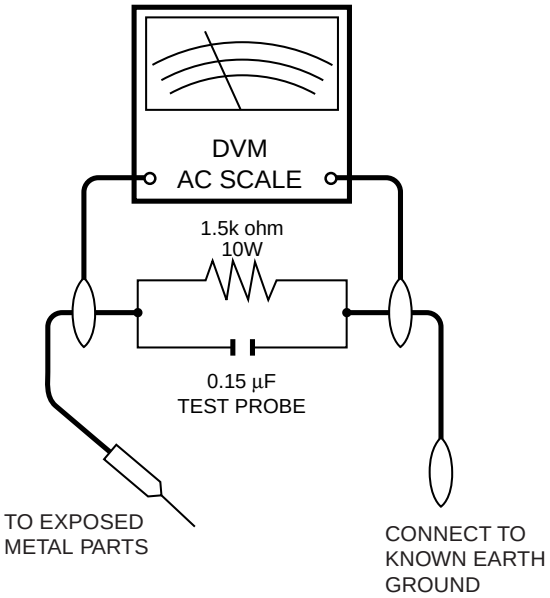
CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.
AVC SIDE: F701 (2A, 250V) FUSE.
LCD SIDE: F1(3.15A, 250V), F3 (2A, 250V) F6551, F6552, F6553, F6554, F6555, F6556 (2.5A, 250V)

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 110~240 volt AC outlet.
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)
  Any reading of 0.75V rms (this corresponds to 0.5 mA. rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

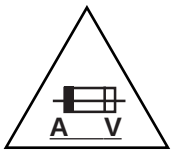
Many electrical and mechanical parts in LCD color television have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by " ⚠ " and shaded areas in the ***Replacement Parts List*** and ***Schematic Diagrams.***
For continued protection, replacement parts must be identical to those used in the original circuit.
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.



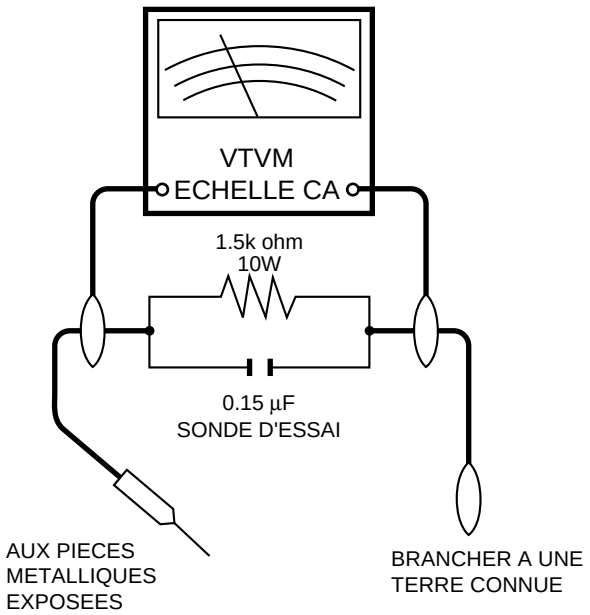
PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE
CÔTÉ AVC:F701 (2A, 250V)
CÔTÉ LCD:F1 (3. 15A, 250V), F3 (2A, 250V) F6551, F6552, F6553, F6554, F6555, F6556 (2.5A, 250V)

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la facon suivante:

- Brancher le cordon d'alimentation directem-ent à une prise de courant de 110-240V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
- A l'aide de deux fils à pinces, brancher une résistance de 1.5 kΩ 10 watts en parallèle avec un condensateur de 0,15µF en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000Ω/V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
  Tous les courants mesurés ne doivent pas dépasser 0.7 mA.
  Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.
Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

Precautions for using lead-free solder

1 Employing lead-free solder

"PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:

Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3 Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description		Code
ZHNDAi123250E	J	ϕ0.3mm	250g(1roll)	BL
ZHNDAi126500E	J	ϕ0.6mm	500g(1roll)	BK
ZHNDAi12801KE	J	ϕ1.0mm	1kg(1roll)	BM

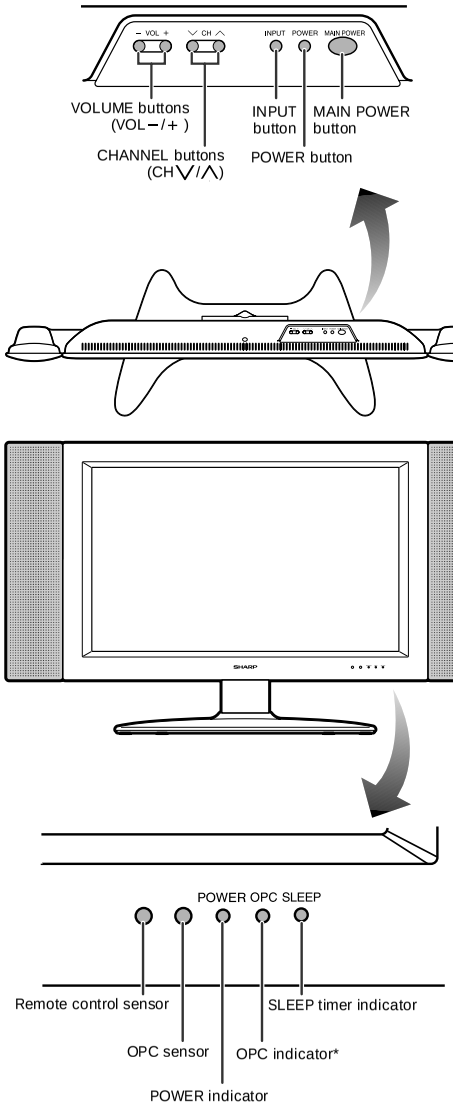
SPECIFICATIONS

Item				30″ LIQUID CRYSTAL TELEVISION, Model: LC-30HV4U/D
LCD panel				30″ Advanced Super View & BLACK TFT LCD
Number of dots				2,949,120 dots (1280 × 768 × 3dots)
TV Function	TV-standard (CCIR)			American TV Standard NTSC System
	Receiving Channel	VHF/UHF		VHF 2-13ch, UHF 14-69ch
		CATV		1-125ch
	Audio multiplex			BTSC System
Brightness				430 cd/m^2
Backlight				60,000 hours (at Save 1 mode)
Viewing angles				H : 170° V : 170°
Audio amplifier				10W × 2
Speakers				Ø 8cm 2pcs
Terminals	AVC System	Rear	INPUT 1	S-VIDEO in, AV in, COMPONENT in
			INPUT 2	S-VIDEO in, AV in
			INPUT 3	S-VIDEO in, AV in, COMPONENT in, DVI-DIGITAL in
			ANTENNA	75 Ω Unbalance, F Type for VHF/UHF/CATV in
			Monitor Out	Audio (Variable, Fixed), S-VIDEO out, AV out
			DC OUTPUT	DC6.5V 7W MAX
		Front	INPUT 4	S-VIDEO, AV in
			PC	15 Pin mini D-Sub, Audio in (Ø 3.5mm jack)
			Headphones	Ø 3.5mm jack
OSD language				English/French/Spanish
Power Requirement				AC 110-240 V, 50/60 Hz
Power Consumption	AVC System			42 W (0.35W Standby with AC 120 V)
	Display			112 W (0.5W Standby with AC 120 V)
Weight	AVC System			12.1 lbs./5.5 kg (w/o stand), 12.3 lbs./5.6 kg (with stand)
	Display			34.8 lbs./15.8 kg (w/o stand), 43.4 lbs./19.7 kg (with stand)
Accessories				Operation manual (×1), Remote control unit (×1), System cable (×1), AC cord (×1), “AA” size Alkaline battery (×2), Stand unit (×1), Cable clamp (×1), RF cable (×1)

Specifications are subject to change without prior notice.

Part names

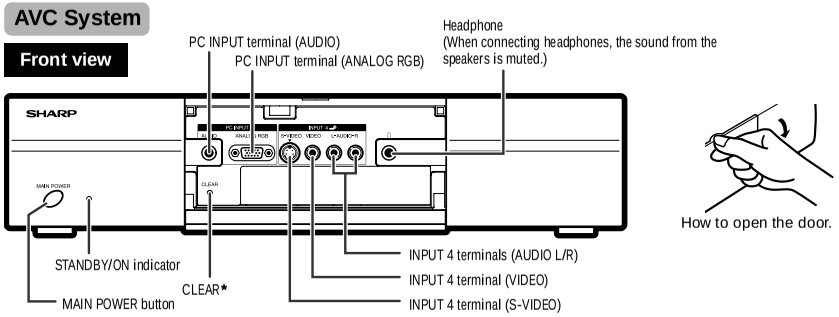
Display



*OPC: Optical Picture Control

AVC System

Front view

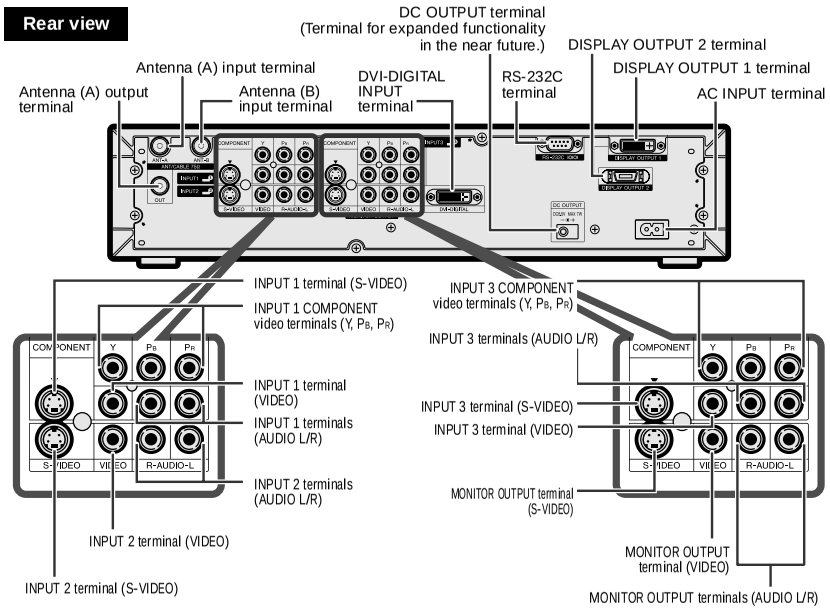


* If the AVC System is switched on but it does not appear to be operating correctly, it may need resetting. In this case, press **CLEAR**, shown in the diagram, lightly with the end of a ballpoint pen or other pointed object. This will reset the System as shown below.
  - AV MODE resets to USER
  - TV channel returns to initial channel setting (Air:2ch, Cable:1 or 2ch)
  - Twin picture resets to normal
  - Audio setting initializes
  - SRS resets to off
  - Image position initializes

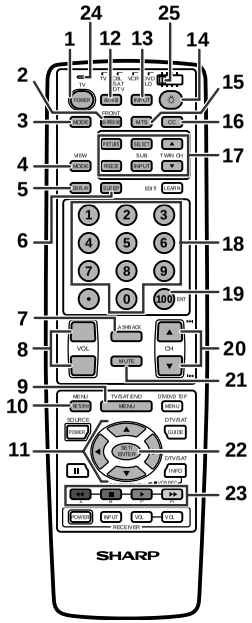
NOTE

- Pressing **CLEAR** will not work if the System is in standby mode (indicator lights red).
- Pressing **CLEAR** will not delete channel preset or secret number. See page 60 for clearing the secret number when you know it. See page for initializing to the factory preset values when you forget your secret number.

Rear view


DC OUTPUT terminal
(Terminal for expanded functionality in the near future.)
DISPLAY OUTPUT 2 terminal
DISPLAY OUTPUT 1 terminal
Antenna (A) input terminal
DVI-DIGITAL INPUT terminal
RS-232C terminal
AC INPUT terminal
Antenna (A) output terminal
Antenna (B) input terminal
INPUT 1 terminal (S-VIDEO)
INPUT 1 COMPONENT video terminals (Y, PB, PR)
INPUT 3 COMPONENT video terminals (Y, PB, PR)
INPUT 3 terminals (AUDIO L/R)
INPUT 1 terminal (VIDEO)
INPUT 1 terminals (AUDIO L/R)
INPUT 2 terminals (AUDIO L/R)
INPUT 3 terminal (S-VIDEO)
INPUT 3 terminal (VIDEO)
MONITOR OUTPUT terminal (S-VIDEO)
INPUT 2 terminal (VIDEO)
INPUT 2 terminal (S-VIDEO)
MONITOR OUTPUT terminal (VIDEO)
MONITOR OUTPUT terminals (AUDIO L/R)

Remote control unit



NOTE

- When using the remote control unit, point it at the Liquid Crystal Television.

* SRS (OMOS) is a trademark of SRS Labs, Inc.
FOCUS technology is incorporated under license from SRS Labs, Inc.

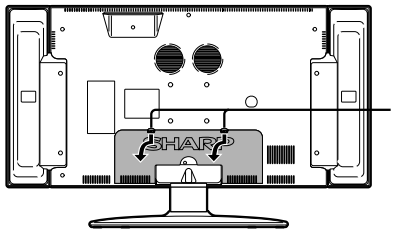
1 **TV POWER:** Switch the Liquid Crystal Television power on or off.
2 **FRONT SURROUND:** Set SRS* and FOCUS* Sound System mode.
3 **AV MODE:** Select an audio or video setting. (AV mode: STANDARD,DYNAMIC, MOVIE, GAME, USER. PC mode: STANDARD, USER.)
4 **VIEW MODE:** Select the screen size.
5 **DISPLAY:** Display the channel information.
6 **SLEEP:** Set the sleep timer.
7 **FLASHBACK:** Return to the previous channel or input external mode.
8 **VOL +/−:** Set the volume.
9 **MENU:** Display the menu screen.
10 **MENU RETURN:** Return to the previous menu screen.
11 **▲/▼/◄/►:** Select a desired item on the screen.
12 **ANT-A/B:** Select between ANT-A and B to watch broadcasts via the two tuners.
13 **INPUT:** Select a Liquid Crystal Television input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)
14 ☼: When pressed all buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about 5 seconds. This button is used for performing operations in dark places.
15 **MTS:** Select the MTS/SAP.
16 **CC:** Display captions during closed-caption source.
17 **TWIN CH buttons**
TWIN PICTURE: Set the twin picture mode. Press again to return to normal screen.
FREEZE: Set the still image. Press again to return to normal screen.
SELECT: Select the active screen.
SUB INPUT: Select an input source of sub screen.
TWIN CH ▲/▼: Select the channel of sub screen.
18 **0 – 9:** Set the channel.
19 **100 ENT:** Select the three digit mode. Execute a command of the channel.
20 **CH ▲/▼:** Select the channel.
21 **MUTE:** Mute the sound.
22 **SET/ENTER:** Execute a command.
23 **FAVORITE CH**
A, **B**, **C**, **D:** Select four preset favorite channels in four different categories.
When viewing via ANT-A: up to 16 channels can be assigned in A, B, C and D.
When viewing via ANT-B: up to 16 channels can be assigned in A, B, C and D.
With ANT-A and B combined, you can preset up to 32 favorite channels in advance.
While watching, you can toggle the selected channels by pressing A, B, C and D.
24 **LED for transmission confirmation**
25 **Mode switch:**

Setting the System

After putting the Display and the AVC System in place, connect the system cables and AC cords. Use the cable clamp for bundling the cables.

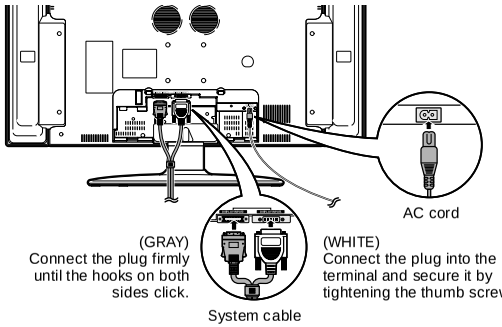
1 Removing the terminal cover

Display (rear view)



Press down the two upper hooks to remove the cover toward you.

2 Connecting the system cable and the AC cord to the Display



AC cord

(GRAY)
Connect the plug firmly until the hooks on both sides click.

(WHITE)
Connect the plug into the terminal and secure it by tightening the thumb screws.

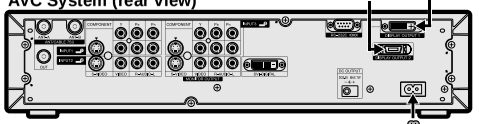
System cable

3 Connecting the system cable and the AC cord to the AVC System

System cable

(GRAY) (WHITE)

AVC System (rear view)



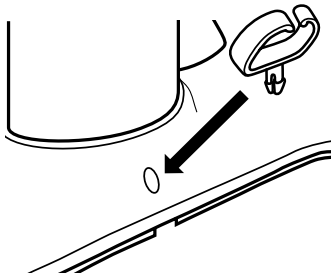
AC cord

CAUTION

- **TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT TOUCH UN-INSULATED PARTS OF ANY CABLES WITH THE AC CORD CONNECTED.**

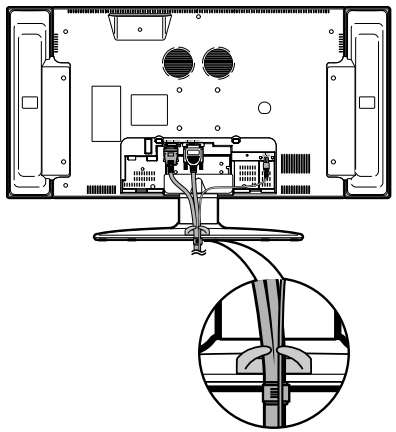
Setting the System (continued)

4 **Attaching the clamp to the leg of the Display**

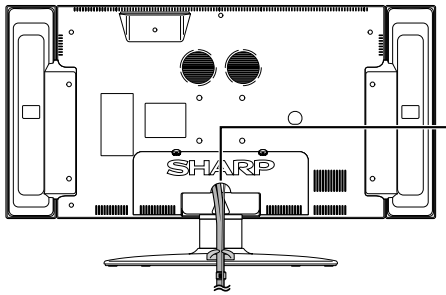


5 **Bundling the cables with the clamp**

Display (rear view)



6 **Closing the terminal cover**



Cables come out from the small opening.

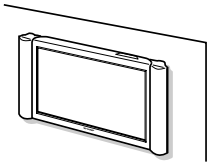
Setting the Display on the wall

Using an optional bracket to mount the Display

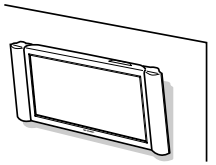
- You can ask a qualified service personnel about using an optional AN-37AG1 bracket to mount the Display to the wall.
- Carefully read the instructions that come with the bracket before beginning work.

Hanging on the wall

AN-37AG1 wall mount bracket. (See the bracket instructions for details.)



Vertical mounting



Angular mounting

CAUTION

- Installing the Liquid Crystal Television requires special skill that should only be performed by qualified service personnel. Customers should not attempt to do the work themselves. SHARP bears no responsibility for improper mounting or mounting that results in accident or injury.

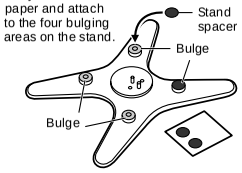
Setting the AVC System with the stand

How to install the AVC System vertically using the stand unit.

- Use the supplied stand unit for installing the AVC System vertically in an upright position.

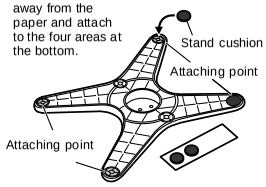
1 **Stick each spacer to the stand as shown.**

Peel each spacer away from the paper and attach to the four bulging areas on the stand.



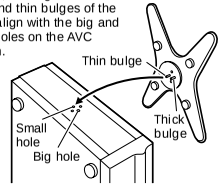
2 **Attach each cushion to the stand as shown.**

Peel each cushion away from the paper and attach to the four areas at the bottom.

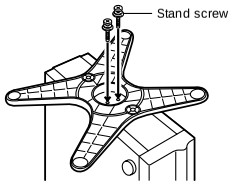


3 **Fit the stand to the AVC System.**

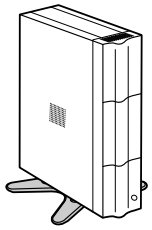
Insert the stand into the AVC System, making sure that the thick and thin bulges of the stand align with the big and small holes on the AVC System.



4 **Attach the stand using the stand screws as shown.**



The AVC System installed vertically with the stand.

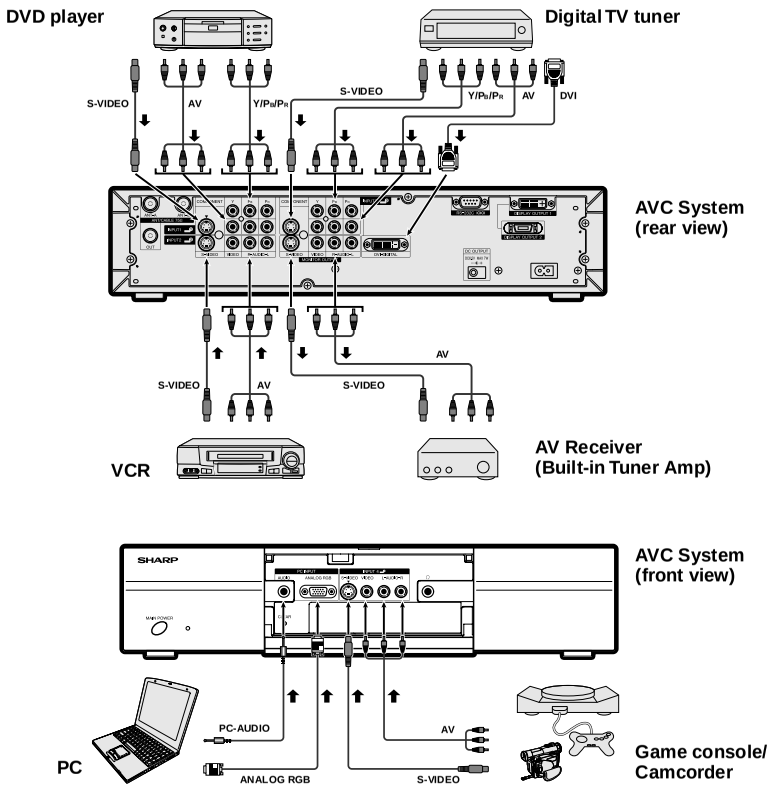


NOTE

- When mounting the AVC System vertically, always use the supplied stand. Be careful not to block vent holes when standing up directly on the floor or a flat surface as this can result in equipment failure.

Using external equipment

You can connect many types of external equipment to your System, like a DVD player, VCR, Digital TV tuner, PC, game console and camcorder. To view external source images, select the input source from **INPUT** on the remote control unit or on the Display.



CAUTION

- To protect all equipment, always turn off the AVC System before connecting to a DVD player, VCR, Digital TV tuner, PC, game console, camcorder or other external equipment.

NOTE

- Please refer to the relevant operation manual (DVD player, PC, etc.) carefully before making connections.

Removing the speakers

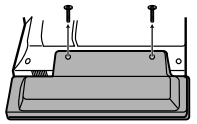
This unit has detachable type speakers.

You can detach the system speakers when using external amplifier/speakers.
Before detaching (or attaching) speakers, unplug the AC cord from the AC outlet.

Before attaching/detaching speakers

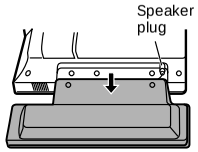
- Before performing work make sure to turn off the System.
- Before performing work spread cushioning over a flat surface to lay the Display on. This will prevent it from being damaged.

1



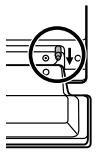
Unfasten the screws used to secure the speakers in place.

2



Take hold of the speaker and slowly slide it sideways.
(The speaker plug is still inserted, so make sure not to pull the speaker too far.)

3



Remove the speaker plug from the terminal on the Display.
(Do not remove the plug by pulling the cord.)
Now the speaker can be detached from the Display.

CAUTION

- The speaker terminals on the Display are only for the attached speakers. Do not connect any third party plug or speaker to the terminal.
- Insert the speaker plug completely into the terminal.
- Do not handle or move the Display by the speakers.

NOTE

- Perform the same steps for both left and right speakers.
- To attach the speakers, perform the above steps in reverse order.

PC compatibility chart

Resolution	Frequency	Remarks
640 400	85 Hz	
720 400	70 Hz	
	85 Hz	
640 480	60 Hz	
	65 Hz	Macintosh 13 (67 Hz)
	72 Hz	
	75 Hz	
	85 Hz	
848 480	60 Hz	
800 600	56 Hz	
	60 Hz	
	72 Hz	
	75 Hz	
	85 Hz	Macintosh 16
832 624	74.5 Hz	
1024 768	60 Hz	
	70 Hz	Macintosh 19
	75 Hz	
	85 Hz	
1280 768	60 Hz	
1280 1024	60 Hz	

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DDC is a registered trademark of Video Electronics Standards Association.
Power Management is a registered trademark of Sun Microsystems, Inc.
VGA and XGA are registered trademarks of International Business Machines Co., Inc.

RS-232C port specifications

PC Control of the System

- When a program is set, the Display can be controlled from the PC using the RS-232C terminal. The input signal (PC/AV) can be selected, the volume can be adjusted and various other adjustments and settings can be made, enabling automatic programmed playing.
- Attach an RS-232C cable cross-type (commercially available) to the supplied Din/D-sub RS-232C for the connections.

NOTE

- This operation system should be used by a person who is accustomed to using computers.

Communication conditions

Set the RS-232C communications settings on the PC to match the display's communications conditions. The Display's communications settings are as follows:

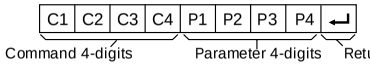
Baud rate:	9,600 bps
Data length:	8 bits
Parity bit:	None
Stop bit:	1 bit
Flow control:	None

Communication procedure

Send the control commands from the PC via the RS-232C connector.
The display operates according to the received command and sends a response message to the PC.
Do not send multiple commands at the same time. Wait until the PC receives the OK response before sending the next command.

Command format

Eight ASCII codes + CR



Command 4-digits:Command. The text of four characters.
Parameter 4-digits:Parameter 0 – 9, x, blank, ?

Parameter

Input the parameter values, aligning left, and fill with blank(s) for the remainder. (Be sure that 4 values are input for the parameter.)
When the input parameter is not within an adjustable range, “ERR” returns. (Refer to “Response code format”.)
No problem to input any numerical value for “x” on the table.

0			
0	0	0	9
	3	0	
1	0	0	
0	0	5	5

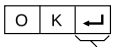
When “?” is input for some commands, the present setting value responds.

?			
?	?	?	?

Appendix

Response code format

Normal response



Problem response (communication error or incorrect command)

Command table

• About the command except being indicated here, it is outside the guarantee range of operation.

CONTROL ITEM		COMMAND	PARAMETER		CONTROL CONTENTS
POWER SETTING		POWR	0		It shifts to standby.
INPUT SELECTION A	TOGGLE	ITGD	x	(Toggle)	It input-switches by the toggle. (It is the same as an input change key)
	TV	ITVD	0		It input-switches to TV. (A channel remains as it is. (Last memory))
	INPUT1-4	IAVD	*	Input terminal number (1–4)	It input-switches to INPUT1~INPUT4.
	PC	IPCD	x		It input-switches to PC.
INPUT SELECTION B	INPUT 1	INP1	0	**AUTO**	An input change is also included.
			1	AV-Y/C	
			2	COMPONENT	
	INPUT 3	INP3	0	AUTO	
			1	AV-Y/C	
			2	COMPONENT	
			3	DVI	
AV MODE SELECTION		AVMD	0	(Toggle)	Although it can choose now, it is toggle operation in inside.
			1	STANDARD	
			2	DYNAMIC	
			3	MOVIE	
			4	GAME	
			5	USER	
VOLUME		VOLM	*	Volume (0-60)	
POSITION	**H-POSITION**	HPOS	*	AV mode. (10)	
			*	PC mode. (90)	
	V-POSITION	VPOS	*	AV mode. (30)	
			*	PC mode. (60)	
	CLOCK	CLCK	*	Only PC mode. (90)	
	PHASE	PHSE	*	Only PC mode. (20)	
VIEWMODE		WIDE	0	(Toggle) [AV]	Although it can choose now, it is toggle operation in inside.
			1	Side Bar [AV]	
			2	S.Stretch [AV]	
			3	Zoom [AV]	
			4	Stretch [AV]	
			5	Normal [PC]	
			6	Stretch [PC]	
			7	Dot by Dot [PC]	
			8	Zoom [PC]	
SRS		SRSS	0	**(Toggle)**	Toggle operation.
			1	Off	
			2	SRS	
			3	FOCUS	
			4	FOCUS SRS	
TWIN PICTURE		TWIN	0	One screen	
			1	Twin screens	
CHANNEL	DIRECT CHANNEL	DCCH	*	The channel number of TV (1~125)	An input change is included if it is not TV display. In Air, 2–69ch is effective. In Cable, 1–125ch is effective.
	CH UP	CHUP	x	The channel number of TV 1	If it is not TV display, it will input-switch to TV.
	CH DOWN	CHDW	x	The channel number of TV 1	If it is not TV display, it will input-switch to TV.
ANT-A/B		ANTS	x	(Toggle)	Change toggle operation of tuner A/B.
CC		CLCP	0	(Toggle)	Toggle operation of a closed caption.
			1	OFF	
			2	CC1	
			3	CC2	
			4	T1	
			5	T2	

NOTE

• If an underbar (_) appears in the parameter column, enter a space.
• If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.
• As long as that from which the parameter (×) in the table is a numerical value, it may write anything.

Basic adjustment settings

AV input mode menu items

List of AV menu items to help you with operations

Picture

- Contrast
- Brightness
- Color
- Tint
- Sharpness
- Advanced
  - C.M.S.
  - Color Temp
  - Black
  - 3D-Y/C
  - Monochrome
  - Film Mode
  - I/P Setting

Audio

- Treble
- Bass
- Balance

Power control

- Power Save
- No Signal Off
- No Operation Off

Setup

- EZ Setup
- CH Setup
- Input Signal
- Parental CTRL
- Position
- Stretch Mode
- Picture Flip
- Language

Option

- Input Select
- Noise Clean
- Audio Out
- Cool Climate

PC input mode menu items

List of PC menu items to help you with operations

Picture

- Contrast
- Brightness
- Red
- Green
- Blue
- C.M.S.

Audio

- Treble
- Bass
- Balance

Power control

- Power Save
- Power Management

Setup

- Input Signal
- Auto Sync.
- Fine Sync.
- Picture Flip
- Language

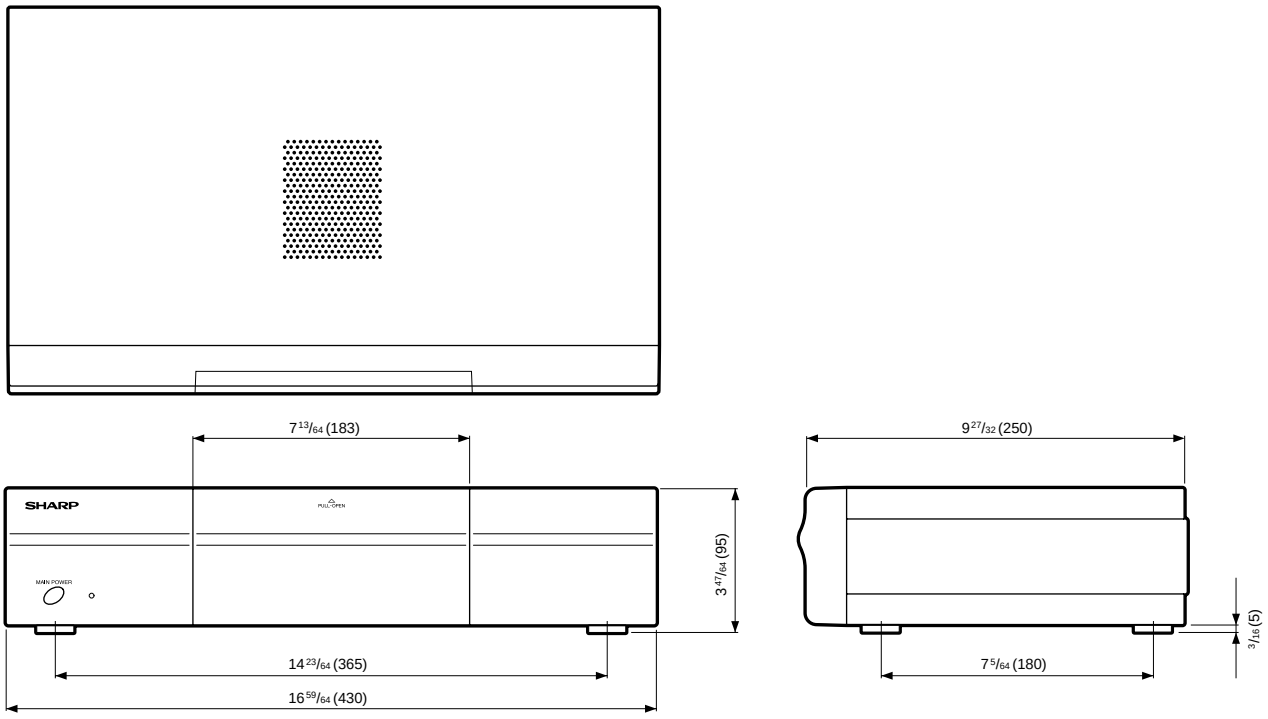
Option

- Audio Out
- Cool Climate

DIMENSIONS

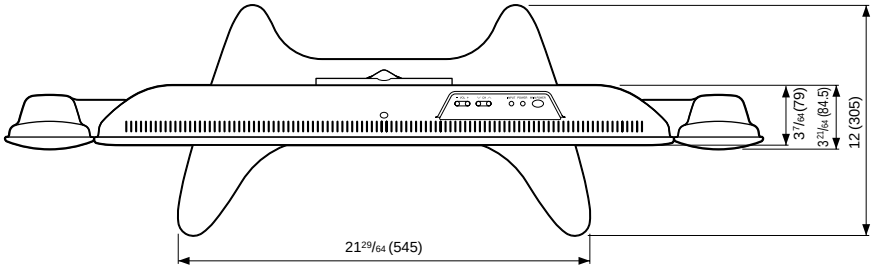
AVC System

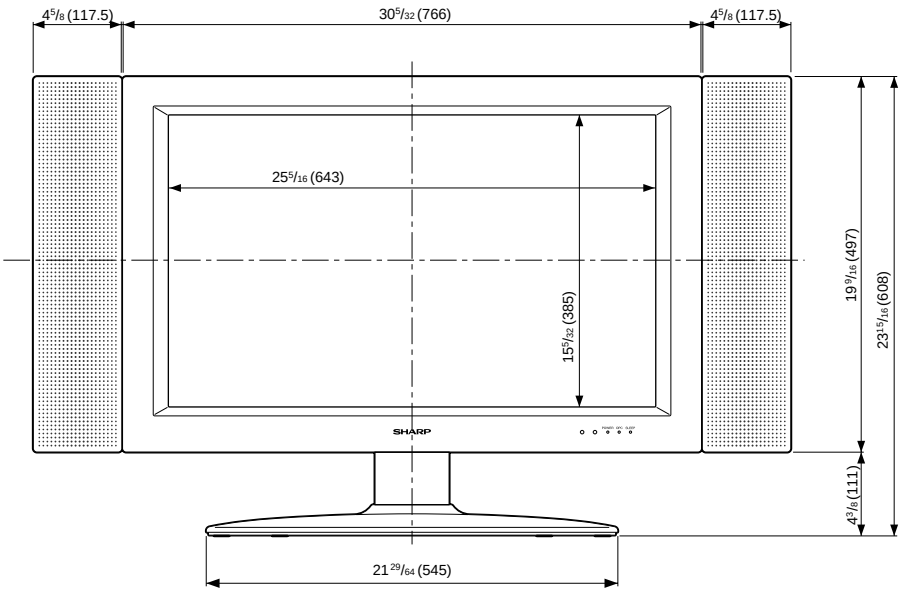
Unit: inch/(mm)

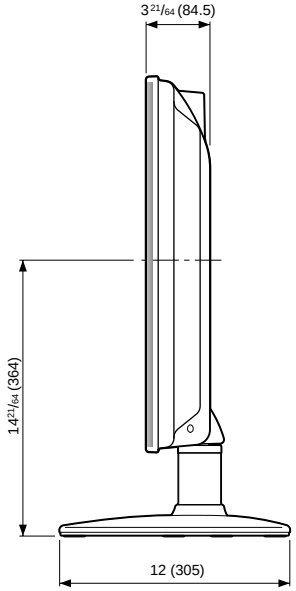


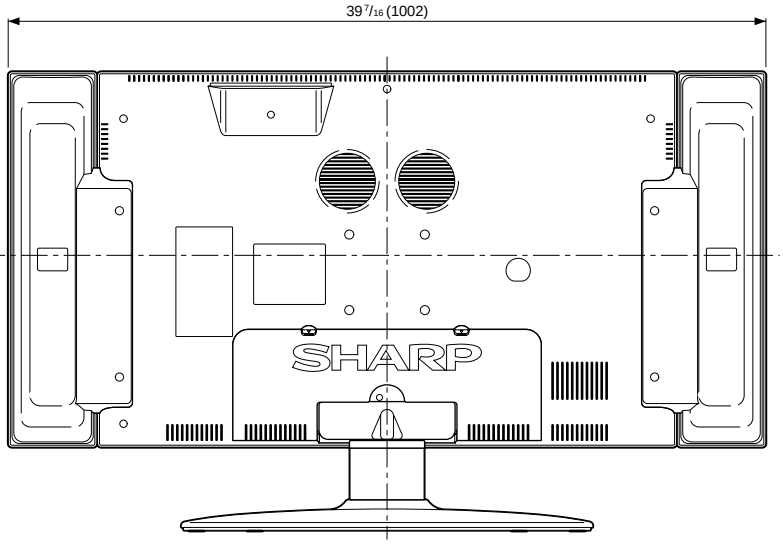
Display

Unit: inch/(mm)





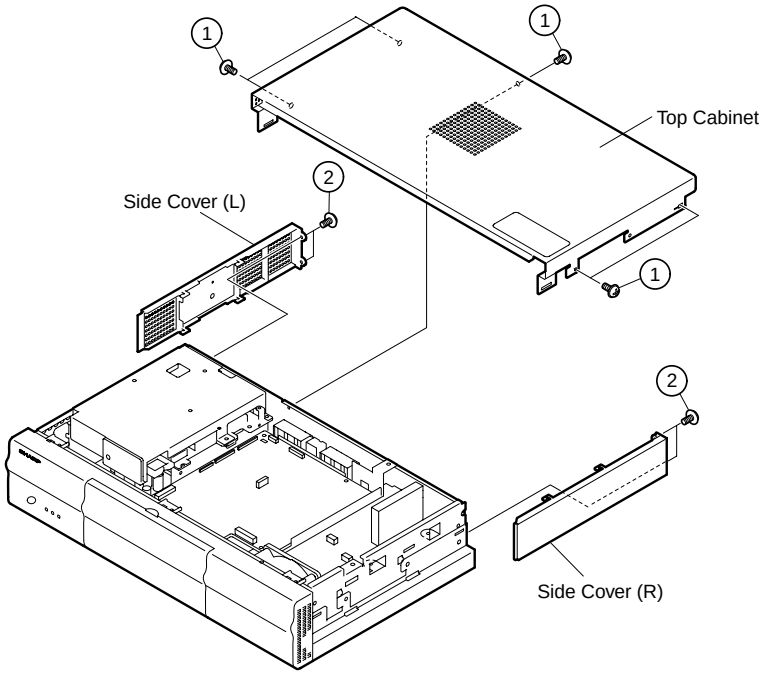


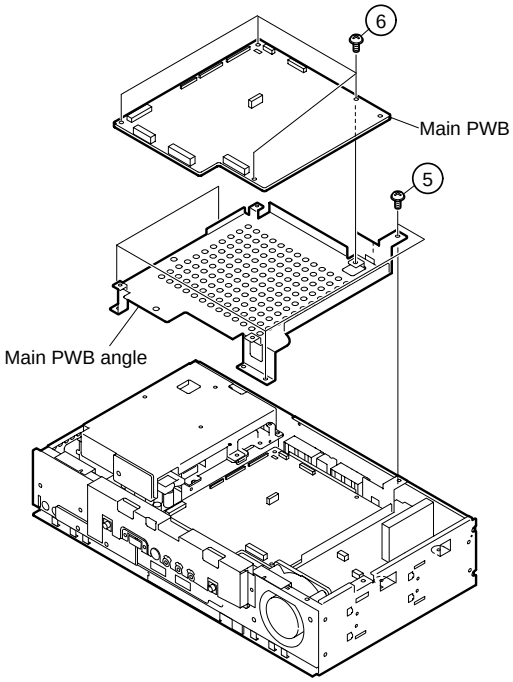


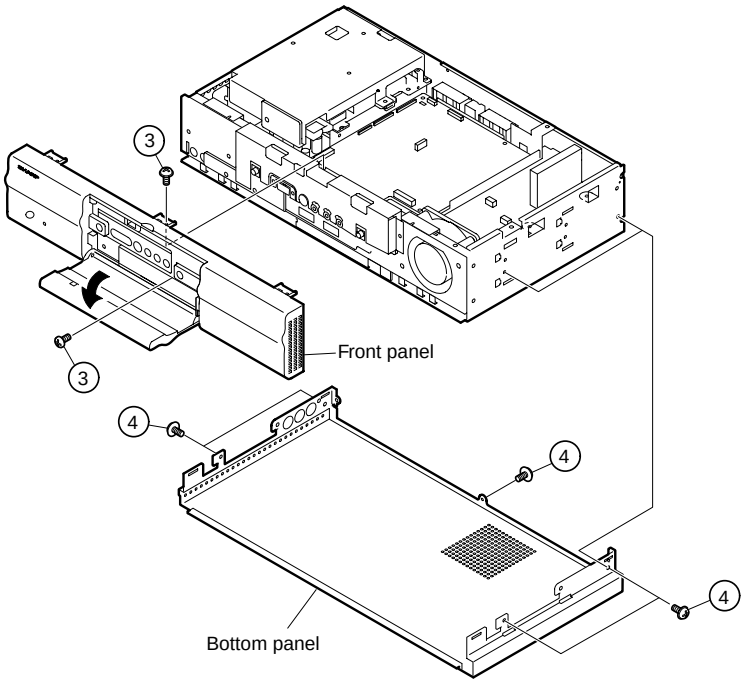
REMOVING OF MAJOR PARTS

■ AVC System

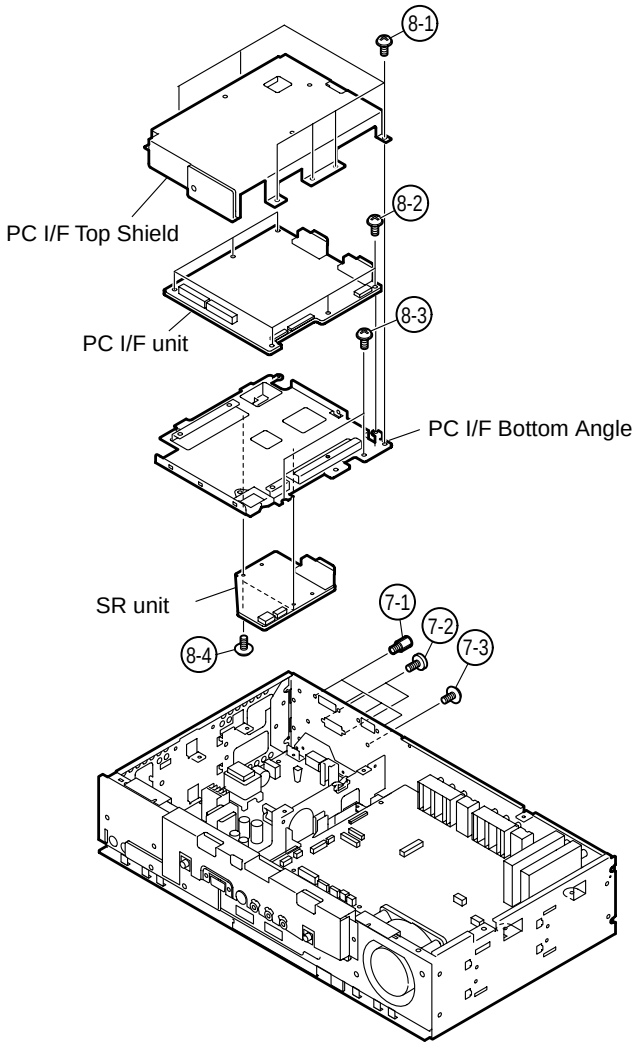
1. Remove the five top cabinet retaining screws and slide the top cabinet backward to remove it.
2. Remove the four side cover retaining screws on both the right and left sides and slide the side covers backward to remove them.
3. Remove the one front panel retaining screws and remove the front panel.
4. Remove the five bottom cabinet retaining screws and slide the bottom panel backward to remove it.
5. Remove the four screws securing the main PWB angle and remove the angle upward.
6. Remove the four screws securing the main PWB to the angle and remove the main PWB.

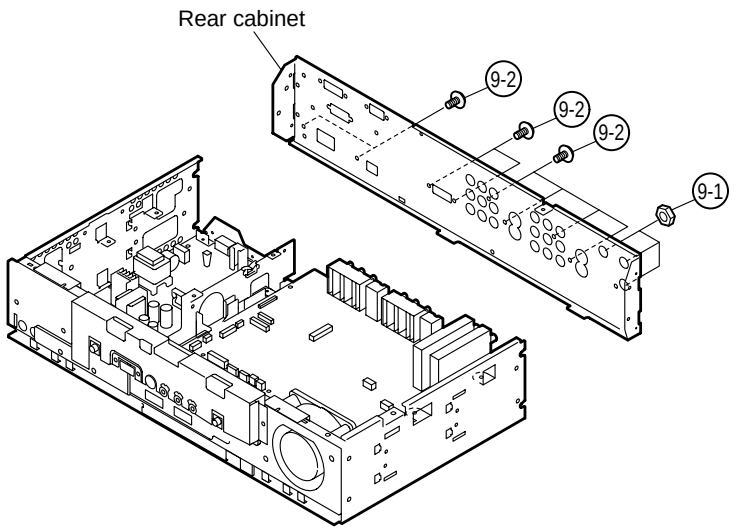


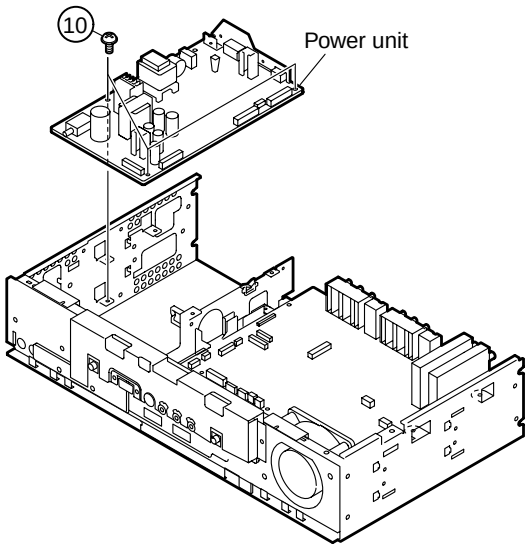




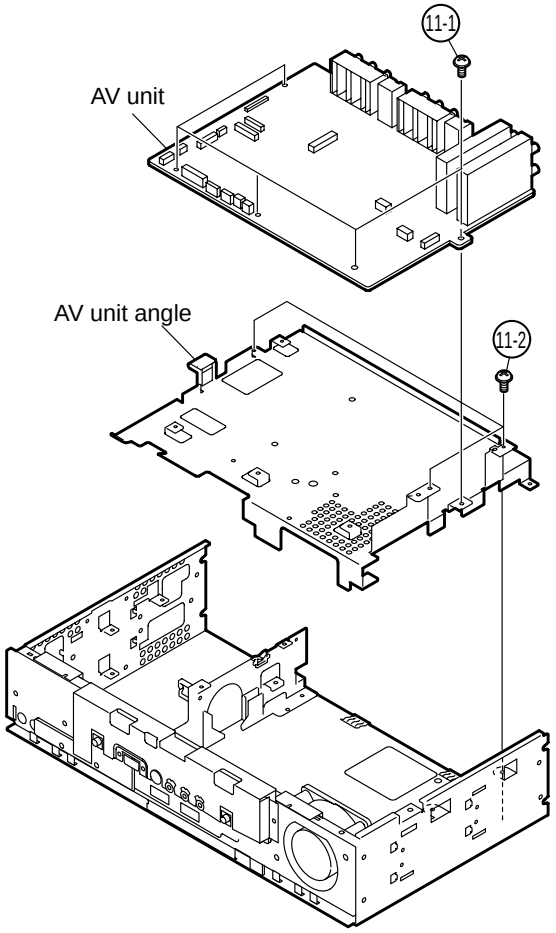
7. Remove the system/control terminal retaining:
   7-1. Remove the four hex head screws securing the terminals of the system and control cables (white).
   7-2. Remove the two screws securing the terminal of the system cable (gray).
   7-3. Remove the two rear chassis retaining screws.
8. Remove the PC I/F and SR units:
   8-1. Remove the six PC I/F top shield retaining screws and remove the shield.
   8-2. Remove the six PC I/F unit retaining screws and remove the unit.
   8-3. Remove the two PC I/F bottom angle retaining screws and remove the angle.
   8-4. Remove the two SR unit retaining screws and remove the SR unit.
9. Remove the rear chassis.
   9-1. Remove the three tuner nuts.
   9-2. Remove the 10 rear cabinet retaining screws and remove the rear cabinet.
10. Remove the three power unit retaining screws and remove the power unit.

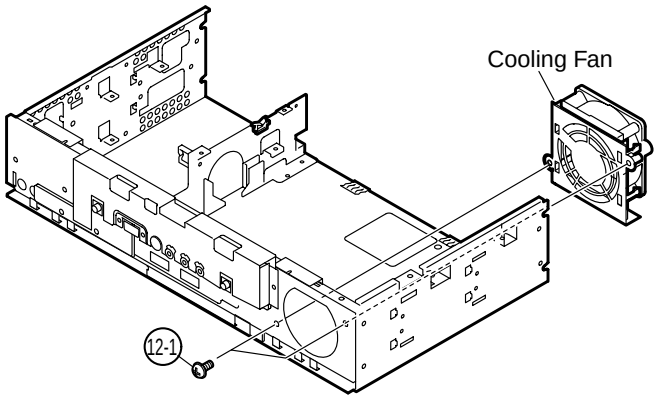


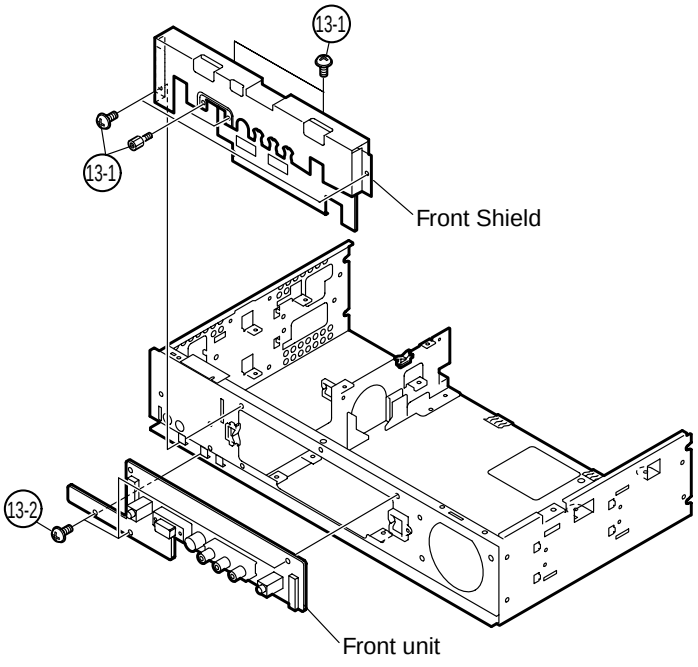




11. Remove the AV unit:
    11-1. Remove the five AV unit retaining screws and remove the AV unit.
    11-2. Remove the three AV unit angle retaining screws and remove the angle.
12. Remove the fan:
    12-1. Remove the two cooling fan retaining screws and remove the cooling fan.
13. Remove unit from the front chassis:
    13-1. Remove the two hex head screws and four screws securing the front shield to the front chassis and remove the front shield.
    13-2. Remove the four screws securing the front unit and remove the unit.

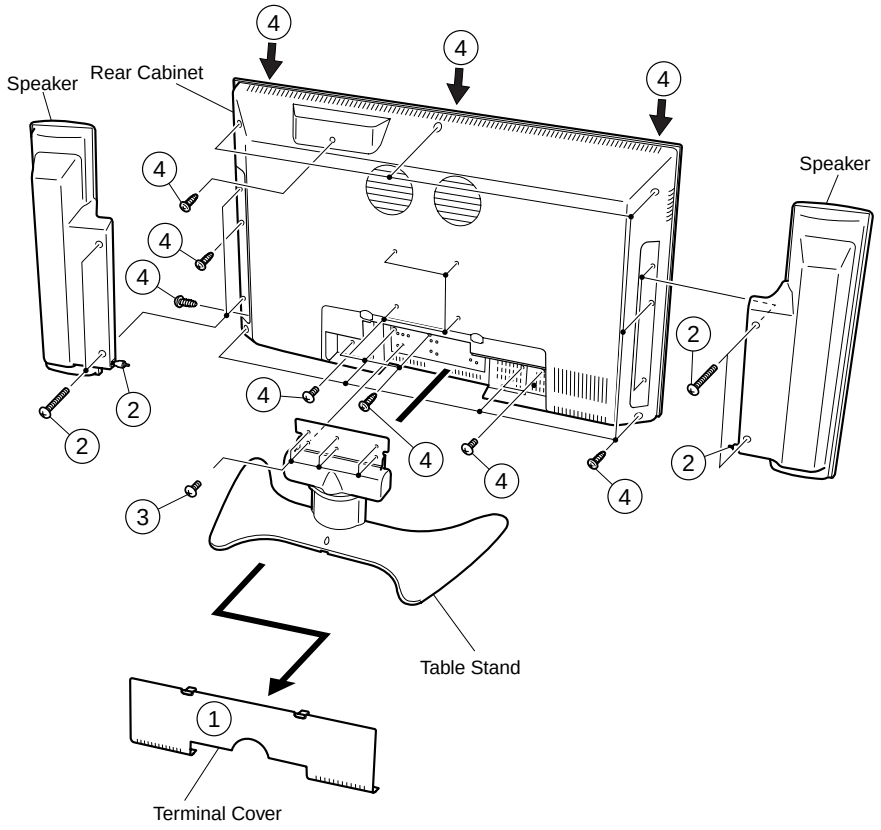




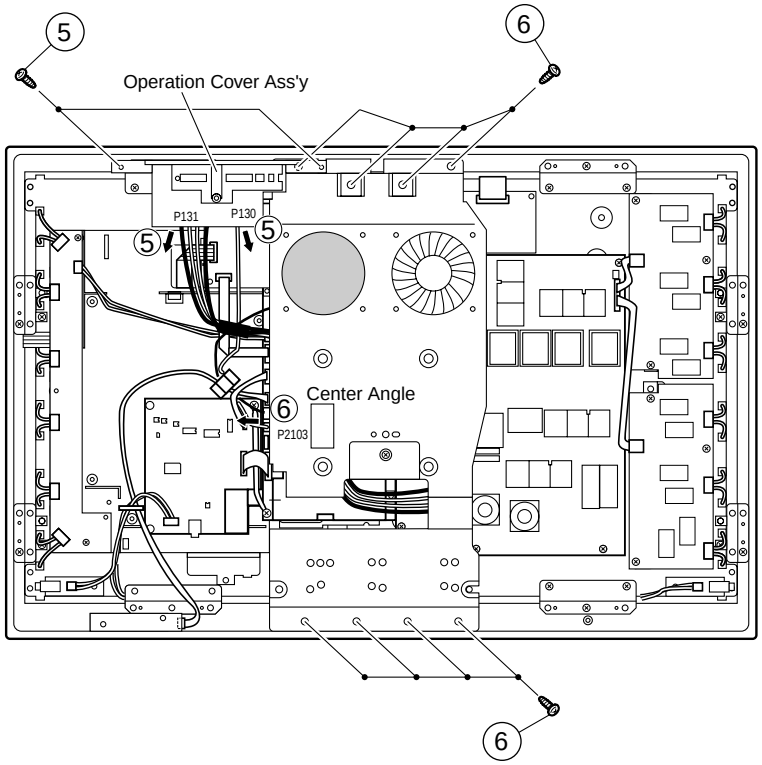


■ Display

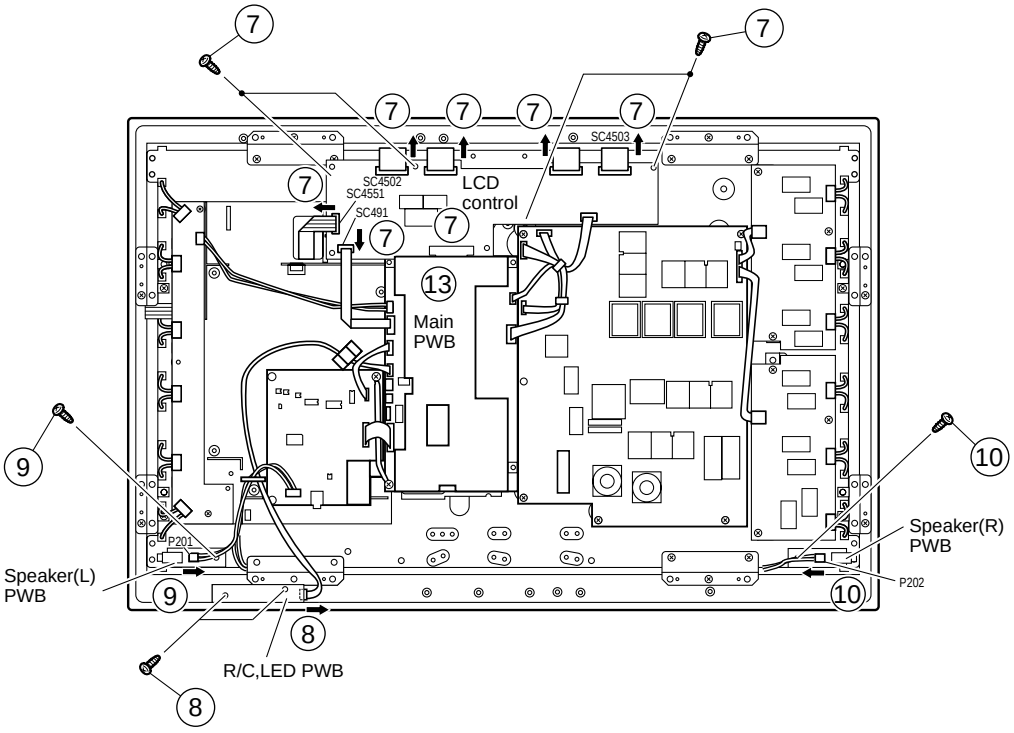
1. Take off bottom terminal cover.
2. Take off the speaker by removing 4 screws and disconnecting speaker terminals.
3. Take off the table stand by removing 6 screws.
4. Take off the rear cabinet by removing 18 screws and releasing the front cabinet's 6 hooks.



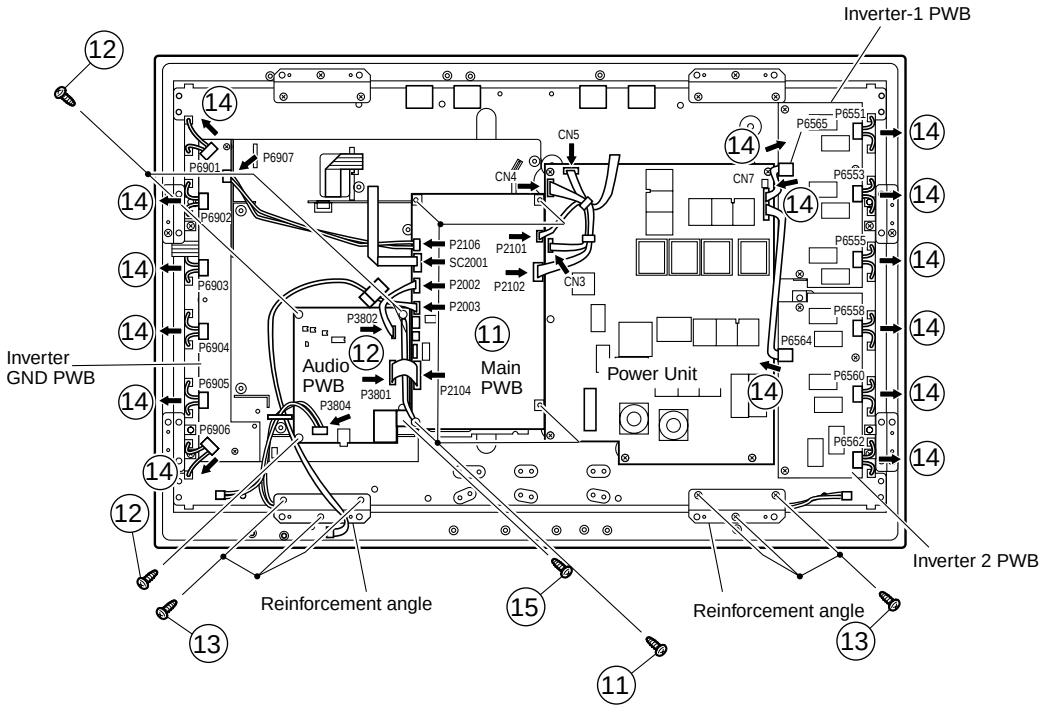
5. Take off the operation cover assembly by removing 2 screws and detaching the connector.
6. Take off the center angle by removing 8 screws and disconnecting 1 lead wire from the fan.



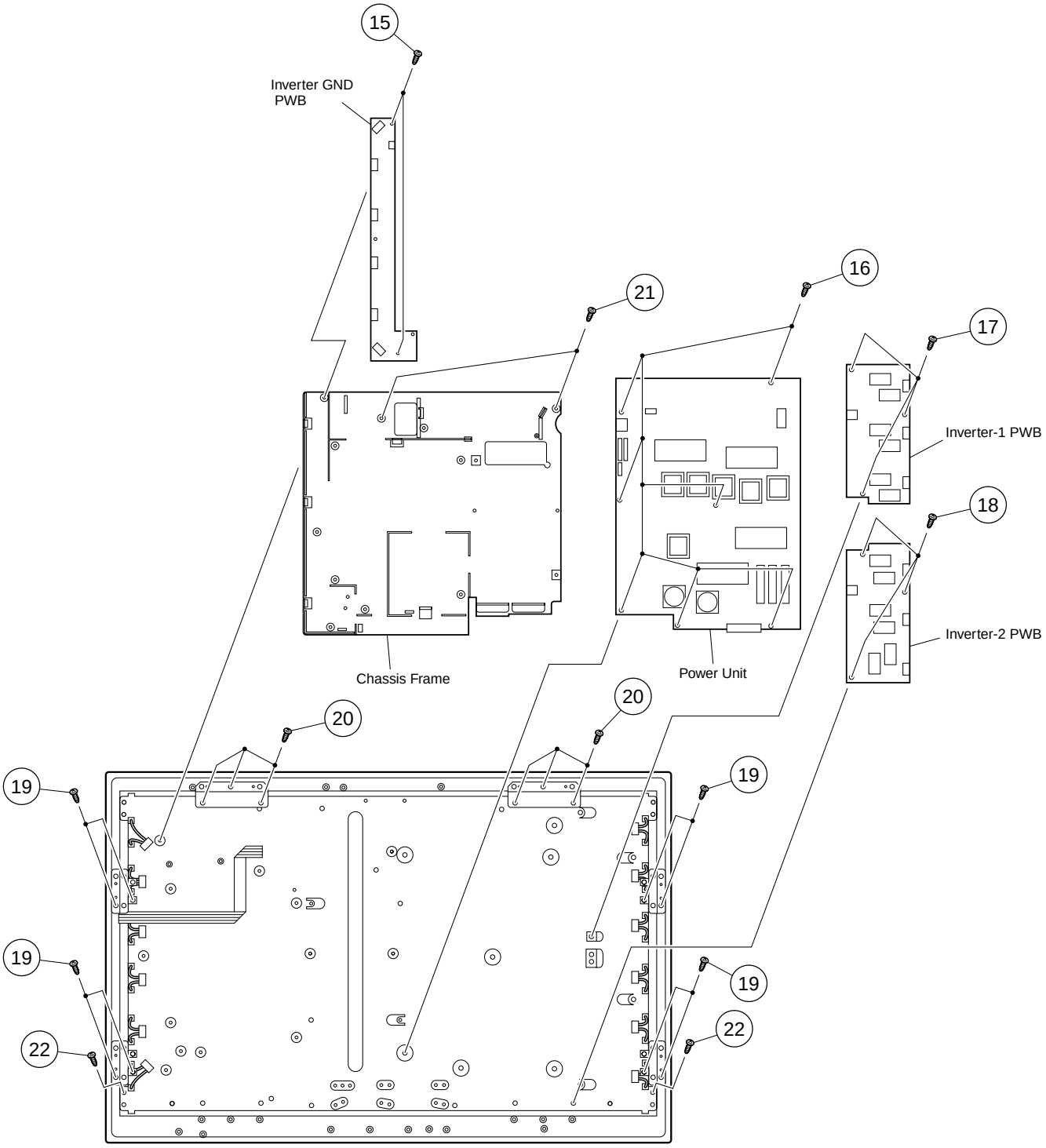
7. Take off the LCD control PWB by detaching 7 connectors and removing 4 screws.
8. Take off the R/C, LED PWB by detaching one connector and removing 2 screws.
9. Take off the speaker (L) PWB by detaching one connector and removing one screw.
10. Take off the speaker (R) PWB by detaching one connector and removing one screw.



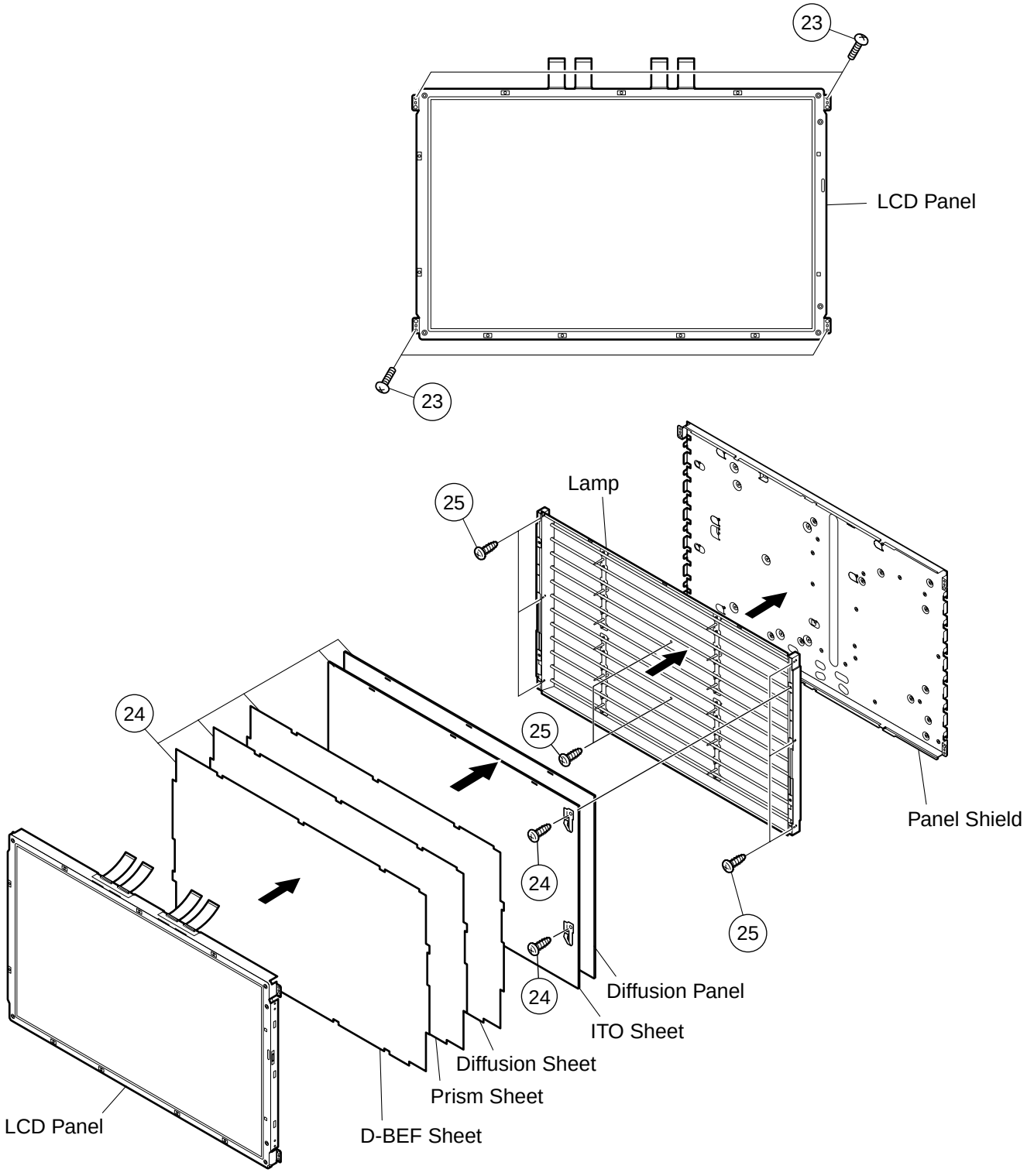
11. Take off the main PWB by detaching 8 connectors and removing 4 screws.
12. Take off the audio PWB assembly by detaching 3 connectors and removing 4 screws.
13. Take off the 2 reinforcement angles by removing 3 screws from each angle.
14. Detach each connector.



15. Take off the inverter GND PWB by removing 2 screws.
16. Take off the power PWB by removing 7 screws. Remove insulation sheet.
17. Take off the inverter-1 PWB by removing 3 screws.
18. Take off the inverter-2 PWB by removing 3 screws
19. Take off the 4 reinforcement angles by removing 2 screws from each angle.
20. Take off the 2 reinforcement angles by removing 3 screws from each angle.
21. Take off the chassis frame by removing 2 screws.
22. Take off the LCD panel assembly by removing 2 screws.



23. Take off the LCD panel with panel shield by removing 4 screws.
24. Take off D-BEF sheet, prism sheet and diffusion sheet. Take off ITO sheet and diffusion panel by removing 2 screws.
25. Take off the panel shield by removing 6 screws and 2 in the center.



ADJUSTMENT PROCEDURES (AVC SYSTEM)

Preparation for adjustment

1. The product has been adjusted and optimized in the factory. If the product needs to be readjusted for some reason, e.g., after parts replacement, follow the instructions shown below.
2. Control parameter values set in the in-process adjustment mode has been stored in the corresponding registers. When the product is readjusted, the contents of the registers are changed. Before readjustment, factory settings should be noted in case the contents of registers require to be restored.
3. Use a stabilized AC power supply.
4. To rewrite a program, you should note the items ("OSD MENU" and "Adjustment Values") you want to change and initialize EEPROM, and then rewrite the changes into EEPROM.

How to enter the in-process adjustment mode

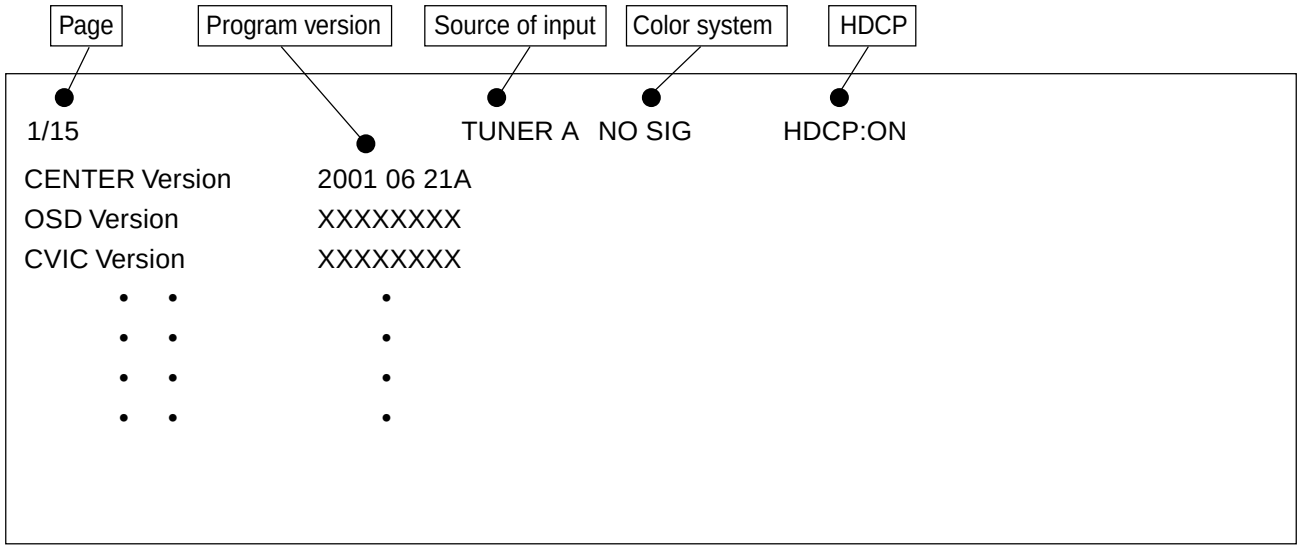
CAUTION: Exercise great care to hide the procedure in entering the in-process adjustment mode from the customer. Inadvertent setting changes in this mode may cause a fatal error resulting in a program being unrecoverable.

1. Entering the in-process adjustment mode:
   Connect the system cable between the display and AVC system.
   Turn off the "MAIN POWER" button of the display once.
   Turn on the main power while holding down the "INPUT" button and the "VOL (-)" button of the Display simultaneously.
   The system will be activated.
   ∗If you see multiple lines of blue characters on the display, you are in the in-process adjustment mode. If not (the normal activation screen opens), retry.
2. Accessing the inspection process mode:
   After activation of the system, make adjustments according to the instructions indicated on the process adjustment OSD menu screen.
   Move to the General Process Adjustment (AVC System Section Process).
3. Restoring factory settings: (At the time of "INDUSTRY INIT" execution, please wait for about 30 seconds until /// disappears.)
   When the "INDUSTRY INIT" button is selected after activation of the system, factory channel setting remains unchanged.
   After the system exits from the in-process adjustment mode.
   Changes made by the user will default to factory settings. Note that channel setting is also initialized.
4. Exiting from the in-process adjustment mode:
   Unplug the power cable while the system is in the in-process adjustment mode to exit from the mode.
   Take care not to press the "POWER" button on the remote controller or the AVC system after using factory settings to run the system.
5. OSD menu screen and menu items during manual adjustment:
   ∗The layout and menu items of the OSD menu screen may somewhat vary depending on the program versions.
   ∗Just rewriting a program does not cause settings to be "initial values". (Preparation for adjustment)

①. Button operation in the in-process adjustment mode

Cursor Up	Move to the next page
Cursor Down	Back to the previous page
Volume (+)	Increase the setting by 1
Volume (-)	Decrease the setting by 1
SET/ENTER	Execute the function
Cursor Left	Increase the setting by 10
Cursor Right	Decrease the setting by 10
Channel (Up)	Move the cursor up
Channel (Down)	Move the cursor down
INPUT	Change input (Tuner -> Input 1 -> Input 2 ->Input 3 -> Input 4 -> PC ->)

②. In-process adjustment screen layout



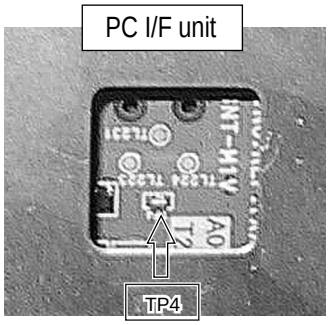
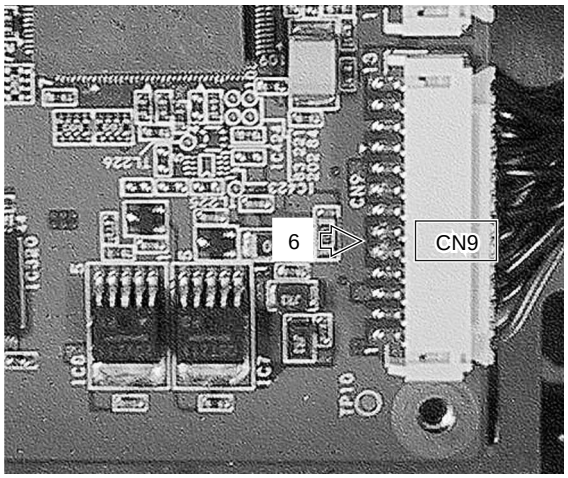
6. Loading the backup data and setting HDCP when the PC I/F unit is replaced

Nearly all data including factory settings, user settings, and channel setting is stored in the PC I/F unit. The product comes with EEPROM (IC1506) on the Main Unit in case the PC I/F unit is replaced; original data backed up on the EEPROM can be loaded to the new PC I/F unit.

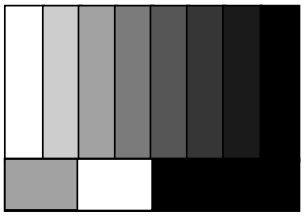
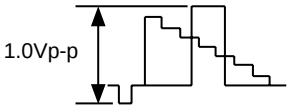
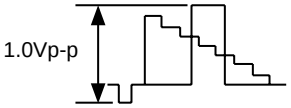
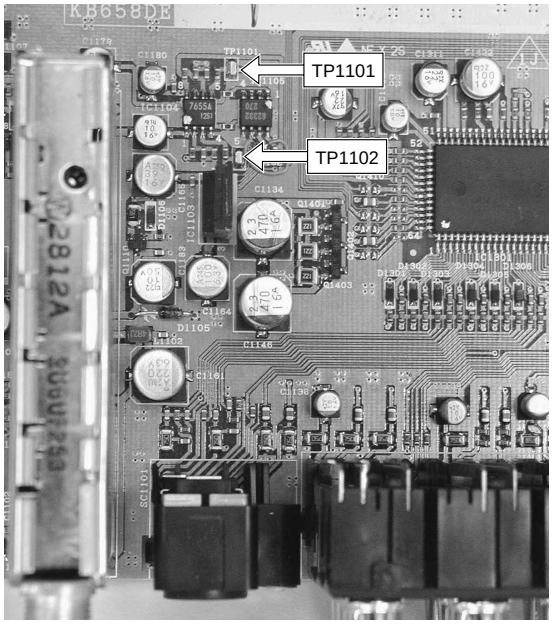
- How to load the backup data
  Select EEPROM RECOVER in the OSD menu (page 7/15) and turn the "Volume" key ON; then press "SET/ENTER".
- How to set HDCP
  After completion of adjustments, select KEY WRITE "ON" in the OSD menu (page 1/15) for manual adjustment and turn the "Volume" key ON; then press "SET/ENTER".

1) Analog adjustment

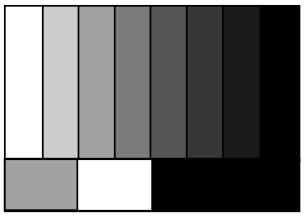
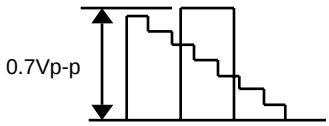
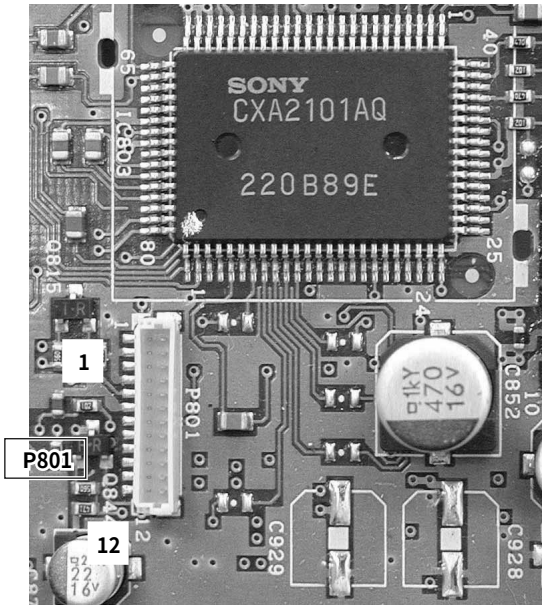
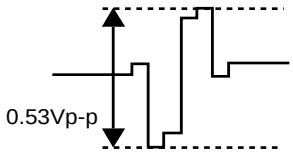
(1) Voltage adjustment

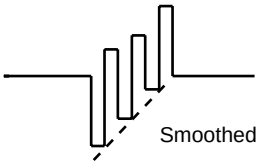
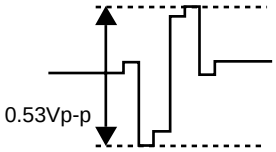
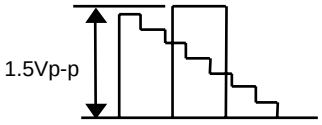
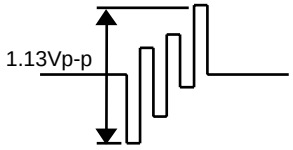
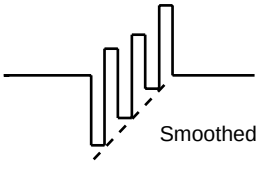
	Item	Adjusting conditions/points	Adjusting procedure
1	3.3 V Adjustment	Page: 2 Location: TP4	• Connect a DC voltmeter to TP4 on the PC I/F unit. Move the cursor to "■+Badj.3.3V" and use "VOL" (+) and (–) keys to adjust the voltage to 3.30 ± 0.01 V. 
2	1.8 V Adjustment	Page: 2 Location: Pin (6) of CN9	• After adjustment to 3.3 V, move the cursor to the "■+Badj.1.8V" line and press the "ENTER" key on the remote controller. Adjustment will be made automatically. If "ERR" appears, adjust the voltage at pin (6) of CN9 on the PC I/F unit to 1.90 ± 0.01 V. 

(2) Tuner adjustment

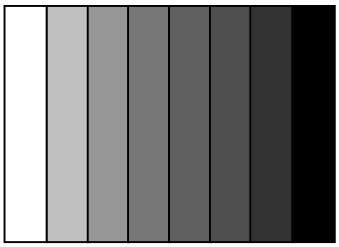
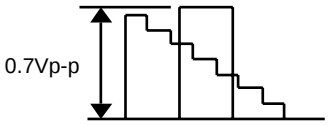
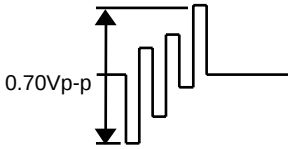
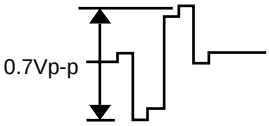
	Item	Adjusting conditions/points	Adjusting procedure
1	Signal setting	Signal: NTSC RF Signal (Split field color bar) Input terminals: ANT-A, ANT-B US channel 10 received	• Use a signal generator to provide the tuner with a RF signal of 193.25 MHz on the split field color bar. • The color saturation of the color bar must be 75%. A 100% white area must be included. • Make sure the 100% white area (synchronized) shows 2.00 Vp-p when the color bar opens in video mode. If not, adjust the signal generator. 
2	Tuner level Adjustment	Page: 4 Locations: TP1101, TP1102	1. Provide the above RF signal to ANT-A and adjust "TUNER DAC ADJ" so that the tuner output is 1.0 ± 0.02 Vp-p at TP1101 when US channel 10 is received.  2. Provide the above RF signal to ANT-B and adjust "TUNER B DAC ADJ" so that the tuner output is 1.0 ± 0.02 Vp-p at TP1102 when US channel 10 is received.  

(3) NTSC signal adjustment

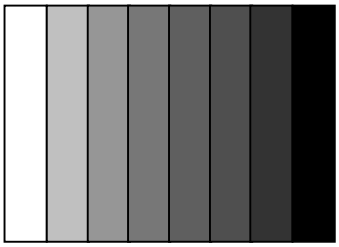
	Item	Adjusting conditions/points	Adjusting procedure
1	Signal setting	Signal: NTSC Split field color bar	• Use a signal generator to provide the split field color bar to the video image input pin of video input 1. • The color saturation of the color bar must be 75%. A 100% white area must be included. • Make sure the 100% white area (synchronized) shows 2.00 Vp-p when the color bar opens in video mode. If not, adjust the signal generator. 
2	MAIN N358 Y CONTRAST Adjustment	Page: 3 Signal pin: INPUT1, video Location: Pin (1) of P801	Adjust "MAIN N358 Y CONTRAST" so that the 100% white area shows 0.7 ± 0.01 Vp-p at pin (1) of P801.  
3	MAIN N358 COLOR GAIN Adjustment	Page: 3 Location: Pin (3) of P801	Adjust "MAIN N358 COLOR GAIN" so that the width shown below is 0.525 ± 0.01 Vp-p at pin (3) of P801. 

	Item	Adjusting conditions/points	Adjusting procedure
4	MAIN N358 TINT Adjustment	Page: 3 Location: Pin (3) of P801	Adjust "MAIN N358 TINT" so that the bottom edges of the waveform at pin (3) of P801 are in line with each other as shown below. 
5	MAIN N358 Cr GAIN Adjustment	Page: 3 Location: Pin (5) of P801	Adjust "MAIN N358 CR GAIN" so that the width shown below is 0.525 ± 0.01 Vp-p at pin (5) of P801. 
6	MAIN N358 CONTRAST Adjustment	Page: 3 Location: Pin (7) of P801	Adjust "MAIN CONTRAST 15K" so that the difference between black and while peaks is 0.95 ± 0.02 V at pin (7) of P801.
7	Two-screen setting N358 Cr GAIN	Press the TWIN PICT-URE key.	Make the adjustment-purpose special two-screen setting. (The same images should appear on the main and sub screens.)
8	SUB N358 Y CONTRAST Adjustment	Page: 4 Location: Pin (9) of P801	Adjust "SUB N358 Y CONTRAST" so that the difference between the black and white peaks is 1.5 ± 0.02 Vp-p at pin (9) of P801. 
9	SUB N358 COLOR GAIN Adjustment	Page: 4 Location: Pin (11) of P801	Adjust "SUB N358 COLOR GAIN" so that the black peak is 1.125 ± 0.01 Vp-p at pin (11) of P801. 
10	SUB N358 TINT Adjustment	Page: 4 Location: Pin (11) of P801	Adjust "SUB N358 TINT" so that the bottom edges of the waveform at pin (11) of P801 are in line with each other as shown below. 

(4) Component 15 kHz signal adjustment

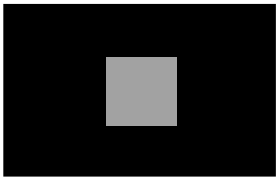
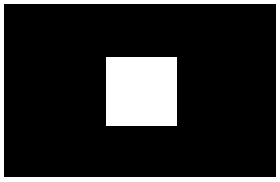
	Item	Adjusting conditions/points	Adjusting procedure
1	Signal setting N358 TINT	Signal: Component 15k 100% color bar Signal pin: INPUT1 COMPONENT	Provide the 100% color bar source of component 15k to the component input pin of video input 1. 
2	MAIN COMPONENT 15 kHz Y CONTRAST Adjustment	Page: 5 Location: Pin (1) of P801	Adjust "COMP 15K Y CONTRAST" so that 0.70 ± 0.01 Vp-p is achieved at pin (1) of P801. 
3	MAIN COMPONENT 15 kHz COLOR GAIN Adjustment	Page: 5 Location: Pin (3) of P801	Adjust "COMP 15K COLOR GAIN" so that the width shown below is 0.70 ± 0.01 Vp-p at pin (3) of P801. 
4	MAIN COMPONENT 15 kHz Cr GAIN Adjustment	Page: 5 Location: Pin (5) of P801	Adjust "COMP 15K CR GAIN" so that the width shown below is 0.70 ± 0.01 Vp-p at pin (5) of P801. 

(5) Component HDTV signal adjustment

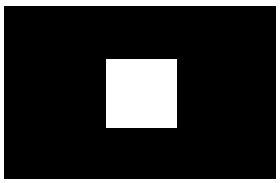
	Item	Adjusting conditions/points	Adjusting procedure
1	Signal setting	Signal: Component HDTV 100% color bar Signal pin: INPUT1 COMPONENT	Provide the component HDTV source of the 100% color bar to the component pin of video input 1. 
2	MAIN COMPONENT HDTV CONTRAST Adjustment	Page: 6 Location: Pin (9) of P801	Adjust "COMP HDTV" so that the difference between the black and while peaks is 0.95 ± 0.02 Vp-p at pin (9) of P801.

2) Digital white balance adjustment

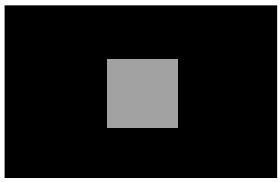
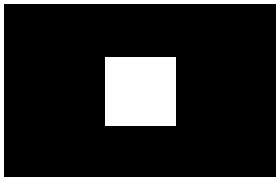
(1) NTSC signal adjustment

	Item	Adjusting conditions	Adjusting procedure
1	Setting	1. Provide the adjusting N358 signal (adjustment conditions) to the video image input pin of video input 1. Page: 8	
2	N358 R cutoff	20% white window pattern  ∗ It is recommended that a pattern without chroma and burst be used.	1. Press "1" on the remote controller in the process adjustment mode. 2. Adjust "N358 R CUTOFF" so that the luminance level of the window pattern is maximized.
3	N358 G cutoff		1. Press "2" on the remote controller in the process adjustment mode. 2. Adjust N358 G CUTOFF so that the luminance level of the window pattern is maximized.
4	N358 B cutoff		1. Press "3" on the remote controller in the process adjustment mode. 2. Adjust "N358 B CUTOFF" so that the luminance level of the window pattern is maximized.
5	N358 R drive	80% white window pattern  ∗ It is recommended that a pattern without chroma and burst be used.	1. Press "4" on the remote controller in the process adjustment mode. 2. Adjust "N358 R DRIVE" so that the luminance level of the window pattern is maximized.
6	N358 G drive		1. Press "5" on the remote controller in the process adjustment mode. 2. Adjust "N358 G DRIVE" so that the luminance level of the window pattern is maximized.
7	N358 B drive		1. Press "6" on the remote controller in the process adjustment mode. 2. Adjust "N358 B DRIVE" so that the luminance level of the window pattern is maximized.
8	Convergence	Repeat the above adjustments until convergence is reached (Adjust cutoff, drive, cutoff, drive and so on.)	

(2) Component 15 kHz signal adjustment

	Item	Adjusting conditions	Adjusting procedure
1	Setting	1. Provide the adjusting 525i component signal (adjustment conditions) to the component video input pin of video 1. Page: 9	
2	Component 15 kHz R cutoff	20% white window pattern ∗ Simply press Y.	1. Press "1" on the remote controller in the process adjustment mode. 2. Adjust "COMP 15K R CUTOFF" so that the luminance level of the window pattern is maximized.
3	Component 15 kHz G cutoff		1. Press "2" on the remote controller in the process adjustment mode. 2. Adjust "COMP 15K G CUTOFF" so that the luminance level of the window pattern is maximized.
4	Component 15 kHz B cutoff		1. Press "3" on the remote controller in the process adjustment mode. 2. Adjust "COMP 15K B CUTOFF" so that the luminance level of the window pattern is maximized.
5	Component 15 kHz R drive	80% white window pattern  ∗ Simply press Y.	1. Press "4" on the remote controller in the process adjustment mode. 2. Adjust "COMP 15K R DRIVE" so that the luminance level of the window pattern is maximized.
6	Component 15 kHz G drive		1. Press "5" on the remote controller in the process adjustment mode. 2. Adjust "COMP 15K G DRIVE" so that the luminance level of the window pattern is maximized.
7	Component 15 kHz B drive		1. Press "6" on the remote controller in the process adjustment mode. 2. Adjust "COMP 15K B DRIVE" so that the luminance level of the window pattern is maximized.
8	Convergence	Repeat the above adjustments until convergence is reached (Adjust cutoff, drive, cutoff, drive and so on.)	

(3) Component HDTV signal adjustment

	Item	Adjusting conditions	Adjusting procedure
1	Setting	1. Provide the adjusting 1080i component signal (adjustment conditions) to the component vide input pin of video 1. Page: 10	
2	Component HDTV R cutoff	20% white window pattern  ∗ Simply press Y.	1. Press "1" on the remote controller in the process adjustment mode. 2. Adjust "COMP HDTV R CUTOFF" so that the luminance level of the window pattern is maximized.
3	Component HDTVG cutoff		1. Press "2" on the remote controller in the process adjustment mode. 2. Adjust "COMP 15K G CUTOFF" so that the luminance level of the window pattern is maximized.
4	Component HDTV B cutoff		1. Press "3" on the remote controller in the process adjustment mode. 2. Adjust "COMP HDTV B CUTOFF" so that the luminance level of the window pattern is maximized.
5	Component HDTV R drive	80% white window pattern  ∗ Simply press Y.	1. Press "4" on the remote controller in the process adjustment mode. 2. Adjust "COMP HDTV R DRIVE" so that the luminance level of the window pattern is maximized.
6	Component HDTV G drive		1. Press "5" on the remote controller in the process adjustment mode. 2. Adjust "COMP HDTV G DRIVE" so that the luminance level of the window pattern is maximized.
7	Component HDTV B drive		1. Press "6" on the remote controller in the process adjustment mode. 2. Adjust "COMP HDTV B DRIVE" so that the luminance level of the window pattern is maximized.
8	Convergence	Repeat the above adjustments until convergence is reached (Adjust cutoff, drive, cutoff, drive and so on.)	

4. Factory setting

	Item	Adjusting conditions	Adjusting procedure
1	INDUSTRY INIT	Page: 1	1. Move the cursor to the "INDUSTRY INIT" line, use the VOL key to turn the system on and press the ENTER key. Factory setting is complete when the process adjustment menu disappears and the system enters the TUNER input mode. ∗Make sure HDCP is on. If it is off, the system cannot exit from the process adjustment mode. 2. Turn off the AVC AC power.

Notes:

1) Perform factory setting as the latest task. Do not turn on the power after factory setting.
2) Turn the AVC's AC power off to turn off the system.
   Never turn off the power during factory setting.
3) After completion of factory setting, the system will exit from the process adjustment mode automatically. If not so, HDCP has been set to off. Check HDCP setting.
4) Factory setting results in initializations of all user settings including channel setting.
   (Items set in process adjustment mode are not initialized).
   Items initialized by factory setting include the following:
   - User settings (menu)
   - Channel data (including broadcast frequencies)
   - Password
   - Operation time
   - Auto installation flag
   - Optimal manufacturer settings
   - VCHIP block setting

■ Adjustment Model Menu List (AVC System)

Do not change items, the adjustment procedure of which is not described in this manual. Inadvertent changes of such items may result in unexpected or unrecoverable errors.

PAGE	LINE	NAME	FUNCTION
1	1	KEY WRITE	KeyWrite_Disp(x,y,line)
	2	INDUSTRY INIT	IndustryInit_SH_Disp(x,y,line)
	3	CENTER Version	CenterVersion_Disp(x,y,line)
	4	OSD Version	OSDVersion_Disp(x,y,line)
	5	CVIC Version	CVICVersion_Disp(x,y,line)
	6	MONITOR Version	MonitorVersion_Disp(x,y,line)
	7	PANEL Version	PanelVersion_Disp(x,y,line)
	8	FLASH Version	FlashVersion_Disp(x,y,line)
	9	MONITOR Model	MonitorModel_Disp(x,y,line)
	10	Model Select MAIN	ModelSelectMain_Disp(x,y,line)
	11	Model Select AV	ModelSelectAV_Disp(x,y,line)
	12	Model Select MONITOR	ModelSelectMonitor_Disp(x,y,line)
	13	STANDBY TYPE	StandbyType_Disp(x,y,line)
	14	HOTEL MODE	HotelMode_Disp(x,y,line)
2	1	■+BAdj3.3V	+B Adjust3.3_Disp(x,y,line)
	2	■+BAdj1.8V(Enter:Auto)	+B Adjust2.5_Disp(x,y,line)
	3	■REFERENCE Adjust	AutoAdjustRef_Disp(x,y,line)
	4	Select Adjust signal	SelectAdjSig_Disp(x,y,line)
	5	Sensor Temp	SensorTemp_Disp(x,y,line)
	6	Center Acutime	CenterAcutime_Disp(x,y,line)
	7	RESET	CenterAcutimeReset_Disp(x,y,line)
	8	Monitor Acutime	MonitorAcutime_Disp(x,y,line)
	9	RESET	MonitorAcutimeReset_Disp(x,y,line)
	10	Pulse Acutime	PulseAcutime_Disp(x,y,line)
	11	RESET	PulseAcutimeReset_Disp(x,y,line)
3	1	■N358 MAIN Adjust	AutoAdjustN358_MAIN_Disp(x,y,line)
	2	N358 MAIN+SUB Adjust	AutoAdjustN358_Disp(x,y,line)
	3	MAIN N358 Y CONTRAST	N358YContrast_Disp(x,y,line)
	4	MAIN N358 COLOR GAIN	N358ColorGain_Disp(x,y,line)
	5	MAIN N358 CR GAIN	MAINCrGainN358_Disp(x,y,line)
	6	MAIN N358 TINT	N358Tint_Disp(x,y,line)
	7	MAIN CONTRAST 15K	MAINContrast15K_Disp(x,y,line)
	8	MAIN SUBBRIGHT 15K	MAINSubBright15K_Disp(x,y,line)
4	1	■N358 SUB Adjust	AutoAdjustN358_SUB_Disp(x,y,line)
	2	SUB N358 Y CONTRAST	SUBPALY_Disp(x,y,line)
	3	SUB N358 COLOR GAIN	SUBPALColorGain_Disp(x,y,line)
	4	SUB N358 TINT	SUBN358Tint_Disp(x, y, line)
	5	TUNERA DAC ADJ	TurerA_DAC_Disp(x, y, line)
	6	TUNERB DAC ADJ	TurerB_DAC_Disp(x, y, line)
5	1	■COMP 15K Adjust	AutoAdjust15K_Disp(x,y,line)
	2	COMP 15K Y CONTRAST	Comp15kYContrast_Disp(x,y,line)
	3	COMP 15K COLOR GAIN	Comp15kColorGain_Disp(x,y,line)
	4	COMP 15K CR GAIN	MainCRGainComp15k_Disp(x,y,line)
6	1	■COMP HDTV Adjust	AutoAdjustHDTV_Disp(x,y,line)
	2	COMP HDTV CONTRAST	CompHDTVContrast_Disp(x,y,line)
	3	COMP HDTV SUBBRIGHT	CompHDTVSubBright_Disp(x,y,line)
7	1	TUNER TEST	
	1	PEAK ACL SW	PeakACLSW_Disp(x,y,line)
	2	DC TRAN	DC_TRAN_Disp(x,y,line)
	3	DYNAMIC GAMMA	DyinamicGamma_Disp(x,y,line)
	4	SIGNAL INFO	SignalInfo_Disp(x,y,line)
	5	CENTER PROG UPDATE	CenterProgUpdate_Disp(x,y,line)
	6	EEPROM SAVE	EEPROMSave_Disp(x, y, line)
	7	EEPROM RECOVER	EEPROMRecover_Disp(x, y, line)
8	1	■358 White Balance,	N358_WB_Disp(x, y, line)
	2	■PAL White Balance,	PAL_WB_Disp(x, y, line)
	3	PC White Balance	PC_WB_Disp(x, y, line)
	4	N358 R CUTOFF	N358RCutoff_Disp(x,y,line)
	5	N358 G CUTOFF	N358GCutoff_Disp(x,y,line)
	6	N358 B CUTOFF	N358BCutoff_Disp(x,y,line)
	7	N358 R DRIVE	N358RDrive_Disp(x,y,line)
8	8	N358 G DRIVE	N358GDrive_Disp(x,y,line)
	9	N358 B DRIVE	N358BDrive_Disp(x,y,line)
9	1	■COMP15K White Balance,	Comp15K_WB_Disp(x, y, line)
	2	COMP15K R CUTOFF	Comp15KRCutoff_Disp(x,y,line)
	3	COMP15K G CUTOFF	Comp15KGCutoff_Disp(x,y,line)
	4	COMP15K B CUTOFF	Comp15KBCutoff_Disp(x,y,line)
	5	COMP15K R DRIVE	Comp15KRDrive_Disp(x,y,line)
	6	COMP15K G DRIVE	Comp15KGDrive_Disp(x,y,line)
	7	COMP15K B DRIVE	Comp15KBDrive_Disp(x,y,line)
10	1	■COMP33K White Balance,	CompHDTV_WB_Disp(x, y, line)
	2	COMPHDTV R CUTOFF	CompHDTVRCutoff_Disp(x,y,line)

PAGE	LINE	NAME	FUNCTION
10	3	COMPHDTV G CUTOFF	CompHDTVGCutoff_Disp(x,y,line)
	4	COMPHDTV B CUTOFF	CompHDTVBCutoff_Disp(x,y,line)
	5	COMPHDTV R DRIVE	CompHDTVRDrive_Disp(x,y,line)
	6	COMPHDTV G DRIVE	CompHDTVGDrive_Disp(x,y,line)
	7	COMPHDTV B DRIVE	CompHDTVBDrive_Disp(x,y,line)
11	1	3D_DYCOR_Standard	DimensionDYCOR_Standard_Disp(x, y, line)
	2	3D_DYGAIN_Standard	DimensionDYGAIN_Standard_Disp(x, y, line)
	3	3D_DCCOR_Standard	DimensionDCCOR_Standard_Disp(x, y, line)
	4	3D_DCGAIN_Standard	DimensionDCGAIN_Standard_Disp(x, y, line)
	5	3D_DYCOR_Slow	DimensionDYCOR_Static_Disp(x, y, line)
	6	3D_DYGAIN_Slow	DimensionDYGAIN_Static_Disp(x, y, line)
	7	3D_DCCOR_Slow	DimensionDCCOR_Static_Disp(x, y, line)
	8	3D_DCGAIN_Slow	DimensionDCGAIN_Static_Disp(x, y, line)
	9	3D_DYCOR_Fast	DimensionDYCOR_Dynamic_Disp(x, y, line)
	10	3D_DYGAIN_Fast	DimensionDYGAIN_Dynamic_Disp(x, y, line)
	11	3D_DCCOR_Fast	DimensionDCCOR_Dynamic_Disp(x, y, line)
	12	3D_DCGAIN_Fast	DimensionDCGAIN_Dynamic_Disp(x, y, line)
	13	3D_YNRLIM	DimensionYNRLIM_Disp(x, y, line)
	14	3D_CNRLIM	DimensionCNRLIM_Disp(x, y, line)
	15	3D_YHCOR AV	DimensionYHCOR_Disp(x, y, line)
	16	3D_YHCGAIN AV	DimensionYHCGAIN_Disp(x, y, line)
	17	3D_YHCOR Tuner	DimensionYHCOR_TUNER_Disp(x, y, line)
	18	3D_YHCGAIN Tuner	DimensionYHCGAIN_TUNER_Disp(x, y, line)
12	1	TROUBLE RECORD1	TroubleRecord1_Disp(x,y,line)
	2	ACUTIME	TroubleAcutime1_Disp(x,y,line)
	3	TEMP	TroubleTemp1_Disp(x,y,line)
	4	TROUBLE RECORD2	TroubleRecord2_Disp(x,y,line)
	5	ACUTIME	TroubleAcutime2_Disp(x,y,line)
	6	TEMP	TroubleTemp2_Disp(x,y,line)
	7	TROUBLE RECORD3	TroubleRecord3_Disp(x,y,line)
	8	ACUTIME	TroubleAcutime3_Disp(x,y,line)
	9	TEMP	TroubleTemp3_Disp(x,y,line)
	10	TROUBLE RECORD4	TroubleRecord4_Disp(x,y,line)
	11	ACUTIME	TroubleAcutime4_Disp(x,y,line)
	12	TEMP	TroubleTemp4_Disp(x,y,line)
13	1	MNTR V50 WB	MonitorV50WB_Disp(x,y,line)
	2	MNTR V60 WB	MonitorV60WB_Disp(x,y,line)
	3	MNTR PC WB	MonitorPCWB_Disp(x,y,line)
	4	MNTR R HIGH1	MonitorRHigh1_Disp(x,y,line)
	5	MNTR G HIGH1	MonitorGHigh1_Disp(x,y,line)
	6	MNTR B HIGH1	MonitorBHigh1_Disp(x,y,line)
	7	MNTR R LOW1	MonitorRLow1_Disp(x,y,line)
	8	MNTR G LOW1	MonitorGLow1_Disp(x,y,line)
	9	MNTR B LOW1	MonitorBLow1_Disp(x,y,line)
	10	MNTR R HIGH2	MonitorRHigh2_Disp(x,y,line)
	11	MNTR G HIGH2	MonitorGHigh2_Disp(x,y,line)
	12	MNTR B HIGH2	MonitorBHigh2_Disp(x,y,line)
	13	MNTR R LOW2	MonitorRLow2_Disp(x,y,line)
	14	MNTR G LOW2	MonitorGLow2_Disp(x,y,line)
	15	MNTR B LOW2	MonitorBLow2_Disp(x,y,line)
14	1	ABL VIDEO60 PC	ABLVideo60PC_Disp(x,y,line)
	2	ABL VIDEO50	ABLVideo50_Disp(x,y,line)
	3	VOFS ADJ	VOPSADJ_Disp(x,y,line)
	4	VSUS ADJ	VSUSADJ_Disp(x,y,line)
	5	XSUSB ADJ	XSUSB_Disp(x,y,line)
	6	XSUSG ADJ	XSUSG_Disp(x,y,line)
	7	YSUSB ADJ	YSUSB_Disp(x,y,line)
	8	YSUSG ADJ	YSUSG_Disp(x,y,line)
	9	VIDEO DRIVE MODE	VideoDriveMode_Disp(x,y,line)
	10	PC DRIVE MODE	PCDriveMode_Disp(x,y,line)
	11	NEGATIVE MODE	NegativeMode_Disp(x,y,line)
	12	BRIGHT ENHANCE	BrightEnhance_Disp(x,y,line)
	13	MASK V FREQ	MaskVFreq_Disp(x,y,line)
	14	PATTERN MASK	PatternMask_Disp(x,y,line)
	15	FULL MASK	FullMask_Disp(x,y,line)
15	1	DEBUG PRINT SW	DEBUG_Level_SW_Disp(x, y, line)
	2	PIC ADJ MAKER SELECT	Pict_Adj_Maker_Select_Disp(x, y, line)
	3	PIC ADJ KOUTEI SELECT	Pict_Adj_Koutei_Select_Disp(x, y, line)
	4	1274 V_CD_MODE	V_CD_MODE_Disp(x, y, line)
	5	ACL HARD SW	ACL_Hard_SW_Disp(x, y, line)
	6	DEBUG_SELECT_SW	DEBUG_Select_SW_Disp(x, y, line)
	7	DEBUG COMPANY SELECT	DEBUG_Company_Select_Disp(x, y, line)
	8	DEBUG PANELTYPE SELECT	DEBUG_PanelType_Select_Disp(x, y, line)

UPGRADING INSTALLED PROGRAMS

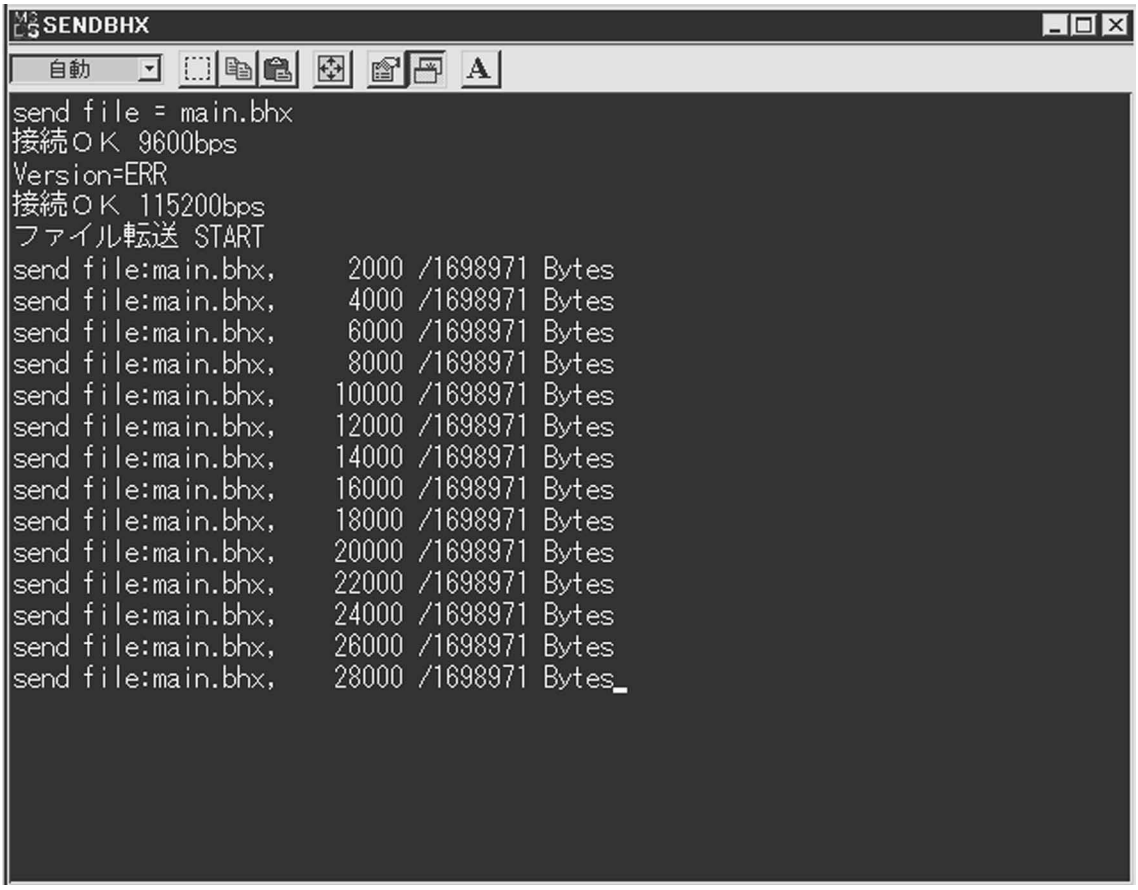
Programs installed in the product are mainly divided into the following two categories:
• Main programs (for AVC system)
• Monitoring program (for display)

> CAUTON: Exercise great care to hide the procedure in entering the in-process adjustment mode from the customer. Inadvertent setting changes in this mode may cause a fatal error resulting in a program being unrecoverable.

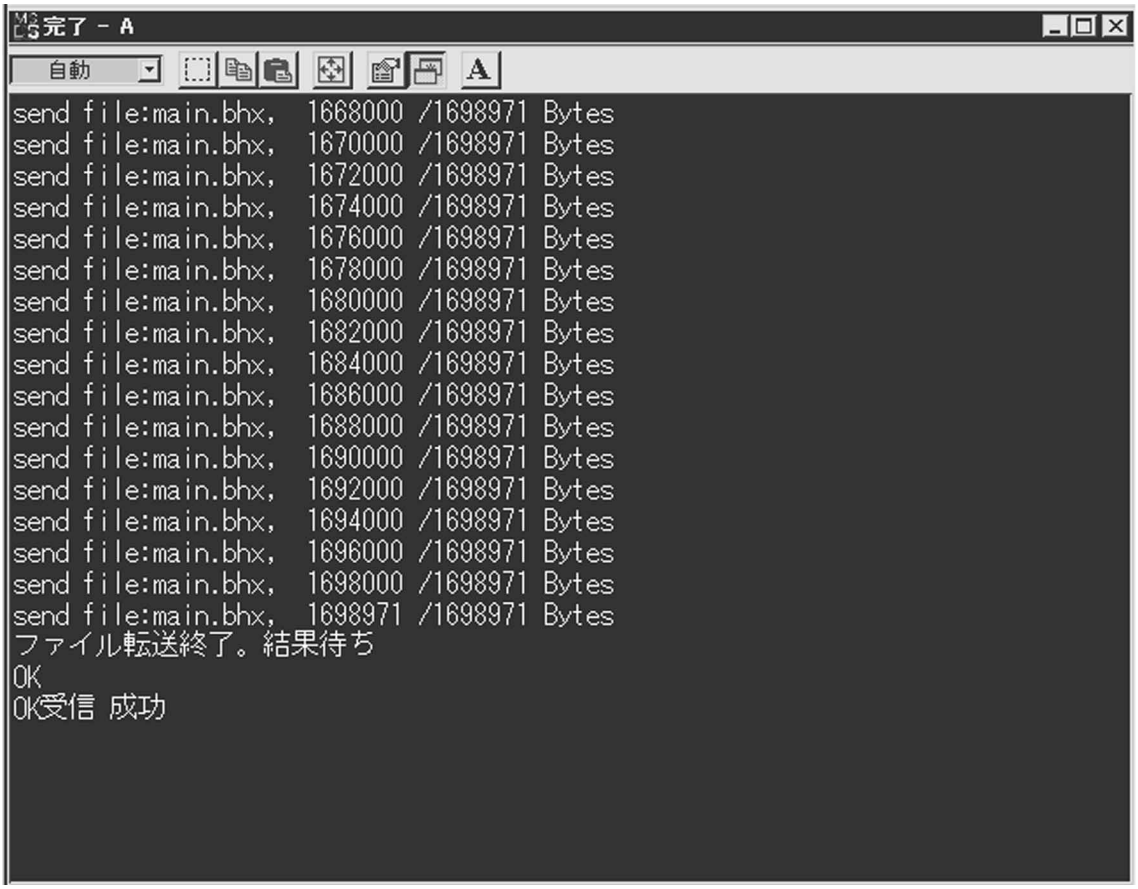
[Tools required]
• PC
A Windows 95/98/me/2000/XP PC that has a COM port (RS-232C).
A USB-R232C converter will be acceptable provided that it is appropriately set and has PC compatibility.
• RS-232C cross cable
Interlink cable is also acceptable.

[Preparations]
Rewriting a program needs the product to enter the in-process adjustment mode.
1) The rewriting software is supplied in the form of an exe file named e.g., "MAIN_2002_10_10A.exe" (provisional). Create a directory on a HD and copy the software into the directory.
2) Double-click the file. The file will be self-extracted. Check the extracted file against the documentation accompanying with the software.
3) Connect the AVC System and the display unit with each other and make them ready for operation (make sure the power LEDs of the AVC System and display unit turn red).
4) Use an RS-232C cable to connect the PC to the AVC System.
5) Exercise great care to hide the procedure in entering the in-process adjustment mode from the customer. Press the MAIN POWER button while holding down the volume DOWN key and the INPUT key on the display unit simultaneously.
   If blue characters appear on the display, the system has entered the in-process adjustment mode successfully. If not (the normal activation screen opens), retry.

[Rewriting the main program]
1) In the in-process adjustment mode, press the Channel Up key on the remote controller. You will move to page ("7/15" will appear on the upper left corner of the screen).
2) Make sure CENTER PROG UPDATE on page 7/15 is highlighted.
   (It checks that "CENTER PROG UPDATE" on page 7/15 is chosen.)
3) Use the VOLUME -/+ keys to change OFF to ON.
4) Press the ENTER key on the remote controller. Characters on the screen will disappear and the screen blacks out.
5) Double-click the batch file specified in the document accompanying with the software.
6) A black window (MS-DOS window) will open and rewriting starts automatically.
   Rewiring of the main program is now complete. Unplug the AC cord from the AVC System and turn off the system and then on again.
7) Enter the in-process adjustment mode and make sure the version information on the CENTER Version, OSD Version and CVIC Version lines on page 1/15 has been updated.


SENDBHX
自動
send file = main.bhx
接続ＯＫ 9600bps
Version=ERR
接続ＯＫ 115200bps
ファイル転送 START
send file:main.bhx, 2000 /1698971 Bytes
send file:main.bhx, 4000 /1698971 Bytes
send file:main.bhx, 6000 /1698971 Bytes
send file:main.bhx, 8000 /1698971 Bytes
send file:main.bhx, 10000 /1698971 Bytes
send file:main.bhx, 12000 /1698971 Bytes
send file:main.bhx, 14000 /1698971 Bytes
send file:main.bhx, 16000 /1698971 Bytes
send file:main.bhx, 18000 /1698971 Bytes
send file:main.bhx, 20000 /1698971 Bytes
send file:main.bhx, 22000 /1698971 Bytes
send file:main.bhx, 24000 /1698971 Bytes
send file:main.bhx, 26000 /1698971 Bytes
send file:main.bhx, 28000 /1698971 Bytes

Continued


完了 - A
自動
send file:main.bhx, 1668000 /1698971 Bytes
send file:main.bhx, 1670000 /1698971 Bytes
send file:main.bhx, 1672000 /1698971 Bytes
send file:main.bhx, 1674000 /1698971 Bytes
send file:main.bhx, 1676000 /1698971 Bytes
send file:main.bhx, 1678000 /1698971 Bytes
send file:main.bhx, 1680000 /1698971 Bytes
send file:main.bhx, 1682000 /1698971 Bytes
send file:main.bhx, 1684000 /1698971 Bytes
send file:main.bhx, 1686000 /1698971 Bytes
send file:main.bhx, 1688000 /1698971 Bytes
send file:main.bhx, 1690000 /1698971 Bytes
send file:main.bhx, 1692000 /1698971 Bytes
send file:main.bhx, 1694000 /1698971 Bytes
send file:main.bhx, 1696000 /1698971 Bytes
send file:main.bhx, 1698000 /1698971 Bytes
send file:main.bhx, 1698971 /1698971 Bytes
ファイル転送終了。結果待ち
OK
OK受信 成功

ADJUSTMENT PROCEDURES (DISPLAY)

See "Adjusting mode" for the steps to go into adjustment process mode.

1) +B adjustment (LCD Control PWB: R4648)
   1. Receive NTSC standard color bar signal.
   2. Connect digital voltmeter to TP4602 and adjust to the specified value.
      Specification: 13.00 ± 0.05V

2) Common bias adjustment
   Make this adjustment each for "50 Hz", "60 Hz" and "PC". Select the input signal according to the indication onscreen.
   1. Go to "Adjustment process mode".
   2. On the LCD, select "14" of "PATTERN 1", dot inversion flicker pattern 2.
   3. Then, select "COM BIAS" on the LCD.
   4. Set the value so that the flicker on the screen is minimized.

   Note: Apply this adjustment after for at least 30 min.

3) Background adjustment
   1. Select video standard, and confirm the indication that the unit is preset to the standard.
   2. At video input, receive the window pattern signal having left 80% WHITE (200/255) and right 20% WHITE (48/255).
   3. Set the screen size to the full mode.
   4. Go to "Adjustment process mode".
   5. Adjust "R OFFSET", "G OFFSET" and "B OFFSET" in "SIL861" so that left side 80% WHITE window pattern is set to the specified value.
   6. Adjust "R GAMMA", "G GAMMA" and "B GAMMA" in "SIL861" so that right side 20% WHITE window pattern is set to the specified value.

   Specification: x = 0.270 y = 0.287 (80% WHITE) x= 0.278 y = 0.285 (20% WHITE) [Minolta CA-110]

   Note: Apply this adjustment after for at least 30 min.

4) Initialization
   1. Go to "Adjustment process mode".
   2. Select "1" thru "3" of "CLR MODE" in "TEST".
      Setting range: 0 Normal
      1 Initial setting (User clear: Factory setting)
      2 Initial setting (All clear) Full initialization of EEPROM (except for ROM area)
      3 Full initialization of Configuration EEPROM
   3. Move the cursor down by one line.
   4. Press "VOL UP" key and change the display from "WAIT" to "SEND" (write).
   5. Do not shut down power while the display is "SEND".
   6. When the writing is finished, the display changes from "SEND" to "WAIT".

5) Resetting lamp error counter
   1. Go to "Adjustment process mode".
   2. Select "L ERR RESET" in "TEST".
   3. Reset the data to "0".

[L ERR RESET]
Function: Reset of fluorescent lamp error counter
It resets the times of fluorescent lamp errors and clears the last value in the memory.
Indication range: 0-5 (Fluorescent lamp errors)
(When lamp error exceeds 5 times, power supply is disabled. Resetting is required in this case.)

3. Adjusting Mode

1. Overview

The controller IC can be adjusted in this mode.
Adjustment is done while controlling the setting of the resistor corresponding to the selected adjustment item.
When monitor is used independently, it is adjusted using the OSD simple display function incorporated in LCD controller.
The OSD function of panel link receiver (SIL861) is used for adjustment of the independent monitor.

2. Entry to the mode

1) When cable is not connected (independent mode), follow the steps below.
   a) When power switch is turned on, press the main unit INPUT and VOL DOWN keys simultaneously.
   b) Press the remote controller's process adjustment key (R/C code: 40h) / process adjustment mode 2 key (R/C code: 31h).
2) When not in independent mode, follow the steps below.
   a) When power switch is turned on, press the main unit CH DOWN and VOL UP keys simultaneously.
   b) Press the remote controller's process adjustment mode 2 key.

3. Exit from the mode

Turn off the power.
Press the remote controller's process adjustment mode 2 key.

4. Display

1) First layer display

The third line shows the title. The 5th line and below show the items. Microprocessor's version number appears in the 16th line.

Example) 1.00 → 1 00

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	S	E	R	V	I	C	E		M	O	D	E		
2	O	M	O	D	E			5	0	H	Z			
3		L	C	D										
4		S	I	L	8	6	1							
5		T	E	S	T									
6						V	E	R		X		X	X	

2) Second layer display (Adjustment item display)

A single page shows up to 10 adjustment items (or 14 lines).
The third line shows the title and the screen mode selected in MODE items (only when LCD is selected).
The 5th line shows the item. Microprocessor's version number appears in the 16th line.
Example) 1.00 → 1 00
Setting is shown in decimal number.

a) Adjustment on the LCD items

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	L	C	D			5	0	H	Z					
2	O	V	L	0								2	2	1
3		R	E	F	0							2	0	9
4		V	L	6	4								9	8
5		R	E	F	6	4						1	7	0
6		V	L	9	6								9	2
7		R	E	F	9	6						1	8	4
8		V	L	1	2	8							8	5
9		R	E	F	1	2	8					1	8	8
10		V	L	1	6	0							7	1
11		R	E	F	1	6	0					1	9	9

b) Adjustment on the TEST items

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	T	E	S	T										
2	O	L		E	R	R		R	E					0
3		L	C	D		D	A	T	A		0	0	0	0
4											W	A	I	T
5		C	L	R		M	O	D	E					0
6											W	A	I	T
7		C	N	F	G		E	E	P		0	0	0	0
8											W	A	I	T

5. Changing data

In "adjustment item display", the items pointed by cursor can be changed using VOL UP/DOWN key.(Holding down the key is effective.)

For the items in "LCD DATA", select the item and hit ENTER key. The ten's digit (leftmost digit) in the address changes to red (others in green). Data change using VOL UP/DOWN key is enabled.

To move to the next digit, press CH UP key (or rightward cursor key). To go back to the previous digit, press CH DOWN key (or leftward cursor key). Thus, 4 digits data can be entered.

When CH UP key is pressed while in rightmost digit, the cursor moves to the leftmost digit. When CH DOWN key is pressed while in leftmost digit, the cursor moves to the rightmost digit.

After address data adjustment, press ENTER key to exit from 4-digit adjustment and change the entire "LCD DATA" line to red letters. (Same status as item selection)

6. Key operation

1) Basic behaviors

Basic key behaviors are as follows.

Behavior	Keys	
	Remote controller	Main unit
Upward cursor movement	Cursor up	CH UP
Downward cursor movement	Cursor down	CH DOWN
Rightward cursor movement	Cursor right	
Leftward cursor movement	Cursor left	
Data UP	VOL UP	VOL UP
Data DOWN	VOL DOWN	VOL DOWN
Set	ENTER	INPUT
Back to previous layer	RETURN	
Back (In bottom layer only)	ENTER	INPUT

2) Data UP/DOWN

For the item for which OSD display is available, switch the display.

Adjust the data with UP/DOWN operation. (Any value beyond the limit is replaced by the limit value.)

Output data processing

Data transmission for every UP/DOWN operation (Data related to peripheral controller IC)

Execution of the last memory data when key is off

While the key is held down, the second step is performed approx. 500ms after the key operation and, after this, every single step of UP/DOWN is carried out sequentially at 135ms interval.

3) Cursor UP/DOWN

Select the adjustment item by pointing it with the cursor.

When upward cursor movement is done while the cursor is at the top item, the cursor goes to the bottom item. (In the case of multiple pages, the cursor goes to the bottom item on the previous page.)

When downward cursor movement is done while the cursor is at the bottom item, the cursor goes to the top item. (In the case of multiple pages, the cursor goes to the top item on the next page.)

While the key is held down, the second step is performed approx. 500ms after the key operation and, after this, every single step of UP/DOWN is carried out sequentially at 135ms interval.

■ Adjustment Mode Menu List (Display)

First layer item	PAGE	ITEM	SETTING RANGE	INITIAL VALUE	DATA SETTING
MODE	1		50HZ/60HZ/PC	50HZ	Toggle
LCD	1	VL0	0 ~ 255	221	No Toggle
		REF0	0 ~ 255	209	No Toggle
		VL64	0 ~ 255	98	No Toggle
		REF64	0 ~ 255	170	No Toggle
		VL96	0 ~ 255	92	No Toggle
		REF96	0 ~ 255	184	No Toggle
		VL128	0 ~ 255	85	No Toggle
		REF128	0 ~ 255	188	No Toggle
		VL160	0 ~ 255	71	No Toggle
		REF160	0 ~ 255	199	No Toggle
	2	VL192	0 ~ 255	77	No Toggle
		REF192	0 ~ 255	103	No Toggle
		VL224	0 ~ 255	88	No Toggle
		REF224	0 ~ 255	112	No Toggle
		VL256	0 ~ 255	108	No Toggle
		REF256	0 ~ 255	78	No Toggle
		COM BIAS	0 ~ 255	70	No Toggle
		PWM CTRL	0 ~ 7		Toggle
		PWM FREQ	0 ~ 4095	585	No Toggle
		PWM DUTY	0 ~ 4095	0	No Toggle
	3	PATTERN1	0 ~ 14	0	Toggle
		PATTERN2	0 ~ 12	0	Toggle
		P – CLK1	0 ~ 3	0	No Toggle
		P – CLK2	0 ~ 7	0	No Toggle
		OS SW	0 ~ 1	0	Toggle
		OS D1	0 ~ 255	138	No Toggle
		OS D2	0 ~ 255	167	No Toggle
		OS D3	0 ~ 255	170	No Toggle
		OPC LV0	0 ~ 85	0(40)	No Toggle
		OPC LV1	0 ~ 85	8(44)	No Toggle
	4	OPC LV2	0 ~ 85	16(48)	No Toggle
		OPC LV3	0 ~ 85	24(52	)No Toggle
		OPC LV4	0 ~ 85	32(56)	No Toggle
		OPC LV5	0 ~ 85	40(60)	No Toggle
		OPC LV6	0 ~ 85	48(64)	No Toggle
		OPC LV7	0 ~ 85	56(68)	No Toggle
		OPC LV8	0 ~ 85	64(72)	No Toggle
		OPC LV9	0 ~ 85	72(76)	No Toggle
		OPC LV10	0 ~ 85	80(80)	No Toggle
SIL861	1	R GAMMA	20 ~ 180	100	No Toggle
		R OFFSET	0 ~ 510	256	No Toggle
		G GAMMA	20 ~ 180	100	No Toggle
		G OFFSET	0 ~ 510	256	No Toggle
		B GAMMA	20 ~ 180	100	No Toggle
		B OFFSET	0 ~ 510	256	No Toggle
TEST	1	L ERR RESET	0 ~ 5 0	Toggle	
		LCD DATA	Four digits 0 ~ F	0	Toggle
			WAIT/SEND	WAIT	———
		CLR MODE	One digits 0 ~ 2	0	Toggle
			WAIT/SEND	WAIT	———
		CNFG EEP	Four digits 0 ~ F	0	Toggle
			WAIT/SEND	WAIT	———

* Values in the parentheses are with PC.

MAJOR IC INFORMATIONS

• IC2501 (MSP4448G)
IC for decoding audio signals.
It serves as an S-IF audio signal decoder and an audio data selector.

• IC2510 (IXA385WJ)
IC for controlling audio delay.
LC-30/37HV4U uses a frame buffer to process video signals. This results in a delay in outputting video signals.
The IC delays output of audio signals to synchronize output of video and audio signals.

• IC1301 (CXA2069Q)
7-input, 3-output selector.
This IC selects all audio and video signals received from input terminals and the tuner, except those signals that relates to PC and components.
Video signals delivered to the IC are sent to Y/C separation circuits IC7001 (main) and IC402 (sub). Audio signals are sent to the SR board via IC2501 (sound processor).

• IC1401 (MM1519XQ)
4-input, 3-output video selector for component input.
This IC receives AV1/3 sub component input signals, AV3 DV1 RGB input signals and C.C. (closed caption) signals. Its output is for main, sub, component and C.C.

• IC1650 (Sil907)
Analog output TMDS receiver incorporating HDCP key.
This IC converts digital DVI-D signals into analog signals and supplies the analog RGB signals to IC1401.
- DVI1.0 compliant
- 480P, 720P, 1080I supported
- 10-bit DAC output
- Incorporated HDCP key

• IC1602 (Z86129S)
C.C. (Closed Caption) decoder.
This IC process the Vertical Blanking Interval (VBI) data from the image signal field in the data that matches the transmission format defined per EIA-608.

• IC1601/1603 (Z86230S)
V-CHIP decoder.
This IC processes the extended data service (XDS) data in field 2 of Vertical Blanking Internal (VBI).
The XDS data is processed to define program blocking signals (PB) or restored XDS data packets.
The on-chip XDS filter in this IC allows only the XDS data packets to be restored and programmed.
The IC supports violence blocking and other XDS data service monitors (picture-in-picture).

• IC7001 (µPD64084)
This IC provides 3D processing of NTSC signals and thus high resolution Y/C separation of the main image signals received from IC1301.
It incorporates a 4M-bit frame delay memory board and features one-chip 3D Y/C separation.
- Two operation modes available; dynamic image 3D Y/C separation mode and 2D Y/C separation + YCNR mode
- Y coring circuit, vertical contour compensation circuit, peaking filter and noise detection circuit incorporated
- Power down mode available to minimize power consumption when not in operation

• IC402 (TC90A69)
Adaptive infield 3-line digital comb filter supporting both NTSC and PAL.
This IC is a high-precision Y/C 1 chip incorporating a CNR circuit and performs YC separation of the sub video signals received from IC1301.

• IC7003/IC404 (ML6428C1)
6.7 MHz low-pass filter.

• IC801/802 (TB1274AF)
IC for synchronous processing, luminance processing and chroma demodulation for color TV.
It receives main and sub luminance and chrominance signals from IC7001 (main) and IC402 (sub) and delivers component signals.

• IC803 (CXA2101Q)
IC having a component input integrated with a high-performance image compensation circuit. Equipped with circuits for processing baseband signals and RGB signals and a 4-channel video switch incorporating an H/V synchronization signal processing circuit.
Input selection is done by INPUT-SEL (IIC BUS). YCbCr, Y, PbPr, GBR and their H/V synchronization signals are inputted to input pins of each channel.
Multi-scan facility permits acceptance of a horizontal scan line frequency range of 15 kHz to 60 kHz.

• IC1901 (IXA392WJ)
FPGA for synchronous processing.
This IC selects synchronization signals and creates horizontal blanking signals.

• IC604 (TA1318AF)
IC for synchronous processing of TV component signals and measurement of frequency.
This IC incorporates an input signal frequency measurement feature and synchronous regeneration features.
It supports synchronous horizontal regeneration (15.75 kHz, 31.5 kHz, 33.75 kHz and 45 kHz) and synchronous vertical regeneration (480I, 480P, 576I, 720P, 1080I, PAL 100 Hz, and NTSC 120 Hz).

• PC I/F unit

• IC10004 (CXA3506R)
3-ch, 8-bit 120MSPS A/D converter incorporating AMP and PLL.
This IC process video signals supplied to the interface board. On the main side, video signals (analog RGB) from CN6 are inputted to IN1 of IC10004. On the PC side, vide signals (analog RGB) from CN8 are inputted to IN2 of IC10004.
Converted digital signals are sent to IC10025.

• IC10310 (TLC5733A)
3-ch, 8-bit 20MSPS A/D converter.
This IC processes video signals supplied to the interface board. It receives analog signals (YCbCr) from CN6 and sends converted digital signals to IC10310.
The incoming video signal is converted to digital one and fed to IC10025.

• IC10025 (IXA091WJ)
IC for I/P conversion and scaling of digital image according to the output resolution, and for data conversion.
There are two input channels: V0 and V1. V1 is for sub 480i input processing for two-screen application. V0 is for processing all signals for main used for one and two-screen applications.
• The IC generates clamp signals based on input synchronization signals.
• It also performs data matrix conversion.
• It creates OSD signals.
The incoming video signal is fed to IC10413.

• IC10413 (SII170)
Panel link transmitter.
This IC converts 8-bit RGB image data received from IC10025 into TMDS differential signals and sends the resulting digital signals to the monitor.
HDCP function is provided.
(Note:When replace this IC, PWB replacement correspondence.)

• IC10001 (IX3270CE)
One-chip RISC microprocessor.
This IC communicates with the monitor and controls the system operation.
It controls all the ICs located in the AVC system.

• IC10405 (µPD4721G)
RS-232C line driver/receiver conforming to EIA/TIA-232-E.
This IC enables the system to be controlled from a PC connected to the system.
It also allows IC10001 to be upgraded using the PC.

■VHIPD6408+-1S (ASSY:IC7001)
3D Y/C separation LSI incorporates 4M-bit memory

- **Pin mapping**

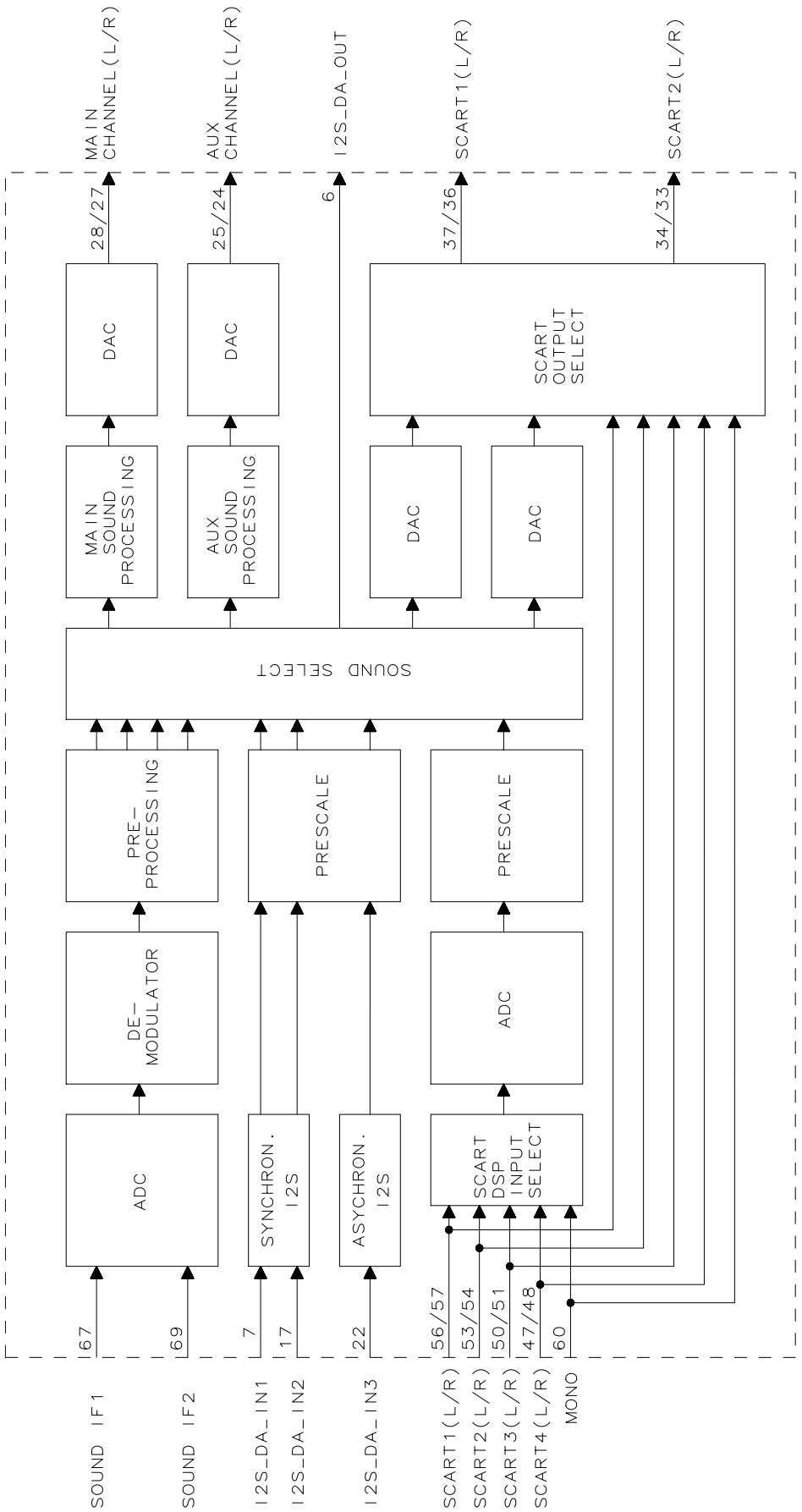
Pin No.	Pin Name	Type	Description
1,33,48,75	DGND	—	Digital GND (same as I/O)
39,62,100	DVDD	—	Digital 2.5V Power
4-12,28-30, 32,40-43, 78-85,99	TEST01- TEST26		TEST pin (Open or GND)
13	EXTALTF	O	Extension 4fsc Alternate flag Output
14-23	EXTDYCO0- EXTDYCO9	I/O	Extension digital In/output
24-25	DGNDRAM	—	DRAM GND
26-27	DVDDRAM	—	DRAM 2.5V Power
31	DVDDIO	—	I/O 3.3V power
34-35	AGND	—	OSC circuit GND
36	XI	I	Reference CLOCK Input
37	XO	O	Reference CLOCK
38	AVDD	—	OSC circuit 2.5V power
44	RPLL	I	Test in/output (Connect GND)
45	SLA0	I	I2C Bus Slave Address input select
46	SCL	I	I2C Bus Clock Input
47	SDA	I/O	I2C Bus data In/output
49	AGND	—	fscDAC GND
50	AVDD	—	fscDAC 2.5V Power
51	FSCO	O	fsc generator fsc output
52-53	AGND	—	8fsc PLL GND
54	FSCI	I	8fsc PLL fsc Input
55	AVDD	—	8fsc PLL 2.5V Power
56	CKMD	I	CLK8 TEST mode select
57	CLK8	I/O	CKMD=0.8fsc CLOCK output CKMD=1.8fsc CLOCK input
58	RSTB	I	System Reset Input (Active Low)
59	ST0	O	Internal signal monitor output
60	ST1	O	Internal signal monitor output
61	NSTD	O	Abnormal detection monitor OUTPUT (L:Normal, H:Abnormal)
63-72	DYCO0-DYCO9	I/O	Digital In/output
73	ALTF	O	4fsc Alternate Auto Flag Output
74	LINE	I	Forced Line Input Select (L:Normal, H:Forced)
76	KIL	I	External killer Input (L:Standard, H:Forced)
77	CSI	I	Composite Sync (Active Low)
2	TESTIC1	I	IC Selection TEST (GND)
3	TESTIC2	I	IC Selection TEST (GND)
86	AVDD	—	Y-DAC, C-DAC 2.5V power
87	CBPC	O	C-DAC Output
88	ACO	O	C-DAC Analog C Signal Output
89	AYO	O	Y-DAC Analog Y Signal Output
90	CBPY	O	Y-DAC, Output
91	AGND	—	Y-DAC, C-DAC GND
92	AGND	—	ADC GND
93	AYI	I	ADC Analog Composite Signal Input
94	VCLY	O	ADC Clamp Power output
95	VRBY	O	ADC Bottom Reference Voltage Output
96	VRTY	O	ADC Top Reference Voltage output
97	VCOMY	O	ADC Sync Reference Voltage
98	AVDD	—	ADC 2.5V power

■RH-iXA385WJZZ (ASSY:IC2510)
DELAY

- **Pin mapping**

Pin No.	Pin Name	Type	Description
1, 19, 32, 33 44, 64	VDD	—	Power supply
2	PLLVDC	—	PLL power supply
3	VCOIN	I	VCO IN (used to construct external loop filter)
4	TEST	I	Input for testing
5	CPOUT	O	Charge pump out (used to construct external loop filter)
6	PLLEN	I	PLL enable signal input
7	PLLGND	—	
8, 9, 10, 18, 31 41, 42, 43, 62	GND	—	
11	PLLENO	O	PLL enable signal output
12	SPDIFO	O	S/PDIF output (3.072 Mbps)
13	SPDIFI	I	S/PDIF input (3.072 Mbps)
14	IO0	I/O	Expanded I/O, bit 0
15	IO1	I/O	Expanded I/O, bit 1
16	IO2	I/O	Expanded I/O, bit 2
17	IO3	I/O	Expanded I/O, bit 3
20	IO4	I/O	Expanded I/O, bit 4
21	UTEST	I	Input for testing
22	NANDTO	O	Output for testing
23	RESET	I	Asynchronous reset signal input
24	MEMTEST	I	Input for testing
25	BISTOUT	O	Output for testing
26	RWCLK	O	Expanded FIFO R/W clock
27	RSTRW	O	Expanded FIFO master reset
28	FEW	O	Expanded FIFO write enable
29	FRE	O	Expanded FIFO read enable
30	FD07	O	Expanded FIFO data output, bit 7
34	FD06	O	Expanded FIFO data output, bit 6
35	FD05	O	Expanded FIFO data output, bit 5
36	FD04	O	Expanded FIFO data output, bit 4
37	FD03	O	Expanded FIFO data output, bit 3
38	FD02	O	Expanded FIFO data output, bit 2
39	FD01	O	Expanded FIFO data output, bit 1
40	FD00	O	Expanded FIFO data output, bit 0
45	FD17	I	Expanded FIFO data input, bit 7
46	FD16	I	Expanded FIFO data input, bit 6
47	FD15	I	Expanded FIFO data input, bit 5
48	FD14	I	Expanded FIFO data input, bit 4
49	FD13	I	Expanded FIFO data input, bit 3
50	FD12	I	Expanded FIFO data input, bit 2
51	FD11	I	Expanded FIFO data input, bit 1
52	FD10	I	Expanded FIFO data input, bit 0
53	SDA	I/O	Serial communication data
54	SCS	I	Serial communication chip select
55	SCK	I	Serial communication chip select
56	I2SCLO	O	I2S CL output
57	I2SDAO	O	I2S CL output
58	I2SWSO	O	I2S WS output
59	I2SWSI	I	I2S WS input
60	I2SDAI	I	I2S DA input
61	I2SCLI	I	I2S CL input
63	REFCLK	I	PLL REF CLK (same input as I2SCLI)

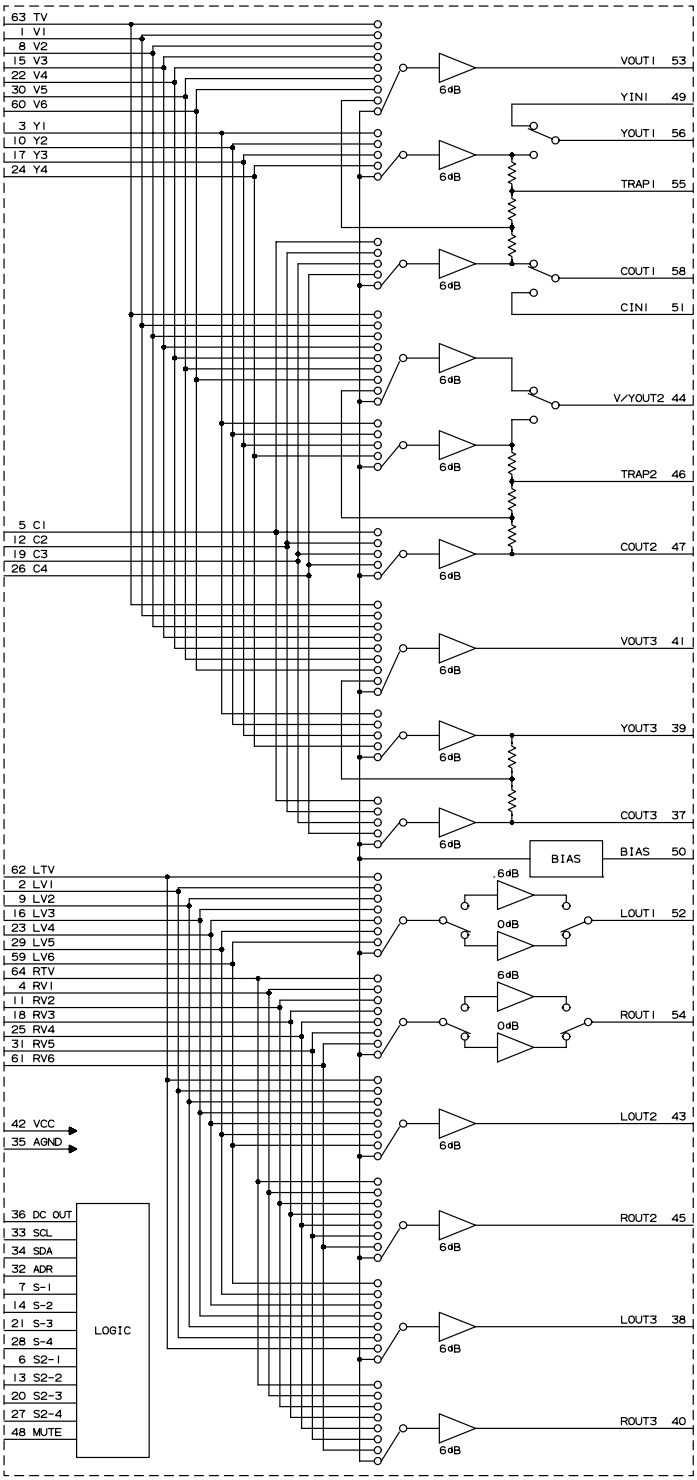
■VHiMSP4418G-1Q (ASSY:IC2501)
Multi Sound Processor
●Block diagram



• Pin mapping

Pin No.	Pin Name	Type	Description
1	NC	—	Not connected
2	I2C_CL	I/O	I2C clock
3	I2C_DA	I/O	I2C data
4	I2S_CL	I/O	I2S clock
5	I2S_WS	I/O	I2S word strobe
6	I2S_DA_OUT	O	I2S data output
7	I2S_DA_IN1	I	I2S1 data input
8	ADR_DA	O	ADR data output
9	ADR_WS	O	ADR word strobe
10	ADR_CL	O	ADR clock
11, 12, 13	DVSUP	—	Digital power supply 5V
14, 15, 16	DVSS	—	Digital ground
17	I2S_DA_IN2	I	I2S2-data input
18	NC	—	Not connected
19	I2S_CL3	I	I2S3 clock
20	I2S_WS3	I	I2S3 word strobe
21	RESETQ	I	Power-on-reset
22	I2S_DA_IN3	I	I2S3-data input
23	NC	—	Not connected
24	DACA_R	O	Headphone out, right
25	DACA_L	O	Headphone out, left
26	VREF2	—	Reference ground 2
27	DACM_R	O	Loudspeaker out, right
28	DACM_L	O	Loudspeaker out, left
29, 30, 31, 32	NC	—	Not connected
33	SC2_OUT_R	O	SCART 2 output, right
34	SC2_OUT_L	O	SCART 2 output, left
35	VREF1	—	Reference ground 1
36	SC1_OUT_R	O	SCART 1 output, right
37	SC1_OUT_L	O	SCART 1 output, left
38	CAPL_A	—	Volume capacitor AUX
39	AHVSUP	—	Analog power supply 8V
40	CAPL_M	—	Volume capacitor MAIN
41,42	NC	—	Not connected
43,44	AHVSS	—	Analog ground
45	AGNDC	—	Analog reference voltage
46	NC	—	Not connected
47	SC4_IN_L	I	SCART 4 input, left
48	SC4_IN_R	I	SCART 4 input, right
49	ASG	—	Analog Shield Ground
50	SC3_IN_L	I	SCART 3 input, left
51	SC3_IN_R	I	SCART 3 input, right
52	ASG	—	Analog Shield Ground
53	SC2_IN_L	I	SCART 2 input, left
54	SC2_IN_R	I	SCART 2 input, right
55	ASG	—	Analog Shield Ground
56	SC1_IN_L	I	SCART 1 input, left
57	SC1_IN_R	I	SCART 1 input, right
58	VREFTOP	—	Reference voltage IF A/D converter
59	NC	—	Not connected
60	MONO_IN	I	Mono input
61, 62	AVSS	—	Analog ground
63, 64	NC	—	Not connected
65, 66	AVSUP	—	Analog power supply 5V
67	ANA_IN1+	I	IF input 1
68	ANA_IN-	I	IF common(can be left vacant, only if IF input 1 is also not in use)
69	ANA_IN2+	I	IF input 2(can be left vacant, only if IF input 1 is also not in use)
70	TESTEN	I	Test pin
71	XTAL_IN	I	Crystal oscillator
72	XTAL_OUT	O	
73	TP	—	Test pin
74	AUD_CL_OUT	O	Audio clock output(18.432MHz)
75, 76	NC	—	Not connected
77	D_CTR_I/O_1	I/O	D_CTR_I/O_1
78	D_CTR_I/O_0	I/O	D_CTR_I/O_0
79	ADR_SEL	I	I2C Bus address select
80	STANDBYQ	I	Stand-by(low-active)

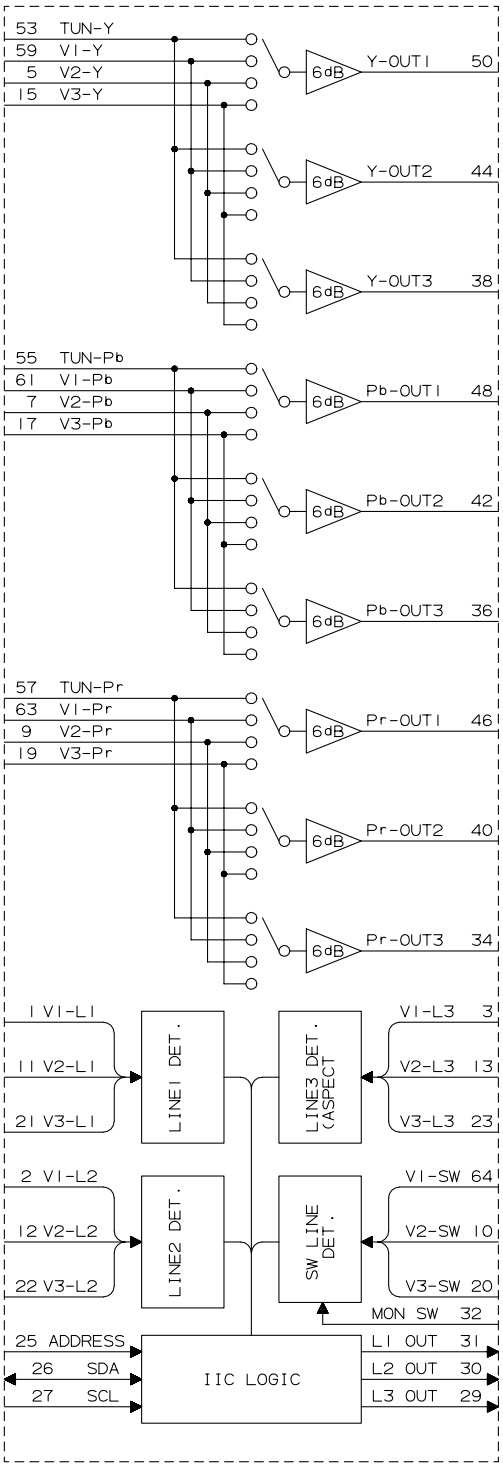
■VHiCXA2069Q-1 (ASSY:FIC1301)
S2-compatible 7-input, 3-output AV switch
●Block diagram



• Pin mapping

Pin No.	Pin Name	Type	Description
63	TV	I	Video signal input
1	V1	I	Composite video signal input
8	V2	I	
15	V3	I	
22	V4	I	
30	V4	I	
60	V4	I	
3	Y1	I	Y/C separation signal input, used for luminance signal input YIN1: Input for signal created by Y/C separation of VOUT1 output
10	Y2	I	
17	Y3	I	
24	Y4	I	
49	YIN1	I	
5	C1	I	Y/C separation signal input, used for chrominance signal input CIN1: Input for signal created by Y/C separation of VOUT1 output
12	C2	I	
19	C3	I	
26	C4	I	
51	CIN1	I	
62, 2	LTV, LV1	I	Audio signal input
9, 16	LV2, LV3	I	
23, 29	LV4, LV5	I	
59, 64	LV6, RTV	I	
4, 11	RV1, RV2	I	
18, 25	RV3, RV4	I	
31, 61	RV5, RV6	I	
53	VOUT1	O	Video signal output, used for composite vide signal output
41	VOUT3	O	
44	V/YOUT2	O	Video signal output, controlled via I2C bus and used for composite video signal output
56	YOUT1	O	Power or luminance signal output is selected.
39	YOUT3	O	Video signal output, used for luminance signal output
58	COUT1	O	Video signal output, used for chrominance signal output
47	COUT2	O	
37	COUT3	O	
52	LOUT1	O	Audio signal output
43	LOUT2	O	
38	LOUT3	O	
54	ROUT1	O	
45	ROUT2	O	
40	ROUT3	O	
6	S2-1	I	Used for detection of S2-compatible DC that is superimposed to C signal. 4:3 image signal is selected when voltage less than 1.3V, 4:3 letterbox signal when 1.3V or more 2.5V or less, and 16:9 squeeze signal when voltage less than 2.5V. 4:3 image signal is selected when the pins are open because they are pulled down to GND via 100kΩ.
13	S2-2	I	
20	S2-3	I	
27	S2-4	I	
7	S-1	I	Used for selection between composite video signal and S signal. Detection result is written to the status register. S signal is selected when voltage more than 3.5V, and composite video signal when voltage less than 3.5V. Composite video signal is selected when the pins are open because they are pulled down to 5V via 100KΩ.
14	S-2	I	
21	S-3	I	
28	S-4	I	
32	ADR	I	Used for selection of slave address for I2C bus. 90H is selected when voltage less than 1.5V, and 92H when more than 2.5V. 90H is selected when the pin are open.
33	SCL	I	I2C bus signal input
34	SDA	I	I2C bus signal input
36	DC OUT	O	Used for output of S2-compatible DC that is superimposed to COUT3. DC superimposition is done by connecting to COUT3 via capacitor. The pin is controlled via I2C bus. Connection of 4.7kΩ external resistor provides output impedance of 10±3kΩ that conforms to S2.
55	TRAP1	I	Connected to trap circuit for sub carrier.
46	TRAP2	I	
48	MUTE	I	Mute for audio signal output. Mute is on when voltage less than 1.3V and off when voltage more than 2.5V. Mute is off when the pin is open.
50	BIAS	I	Internal reference bias input. Connected to GND via capacitor.

■VHiMM1519XQ-1 (IC1401)
Component Input Video Switch
●Block diagram

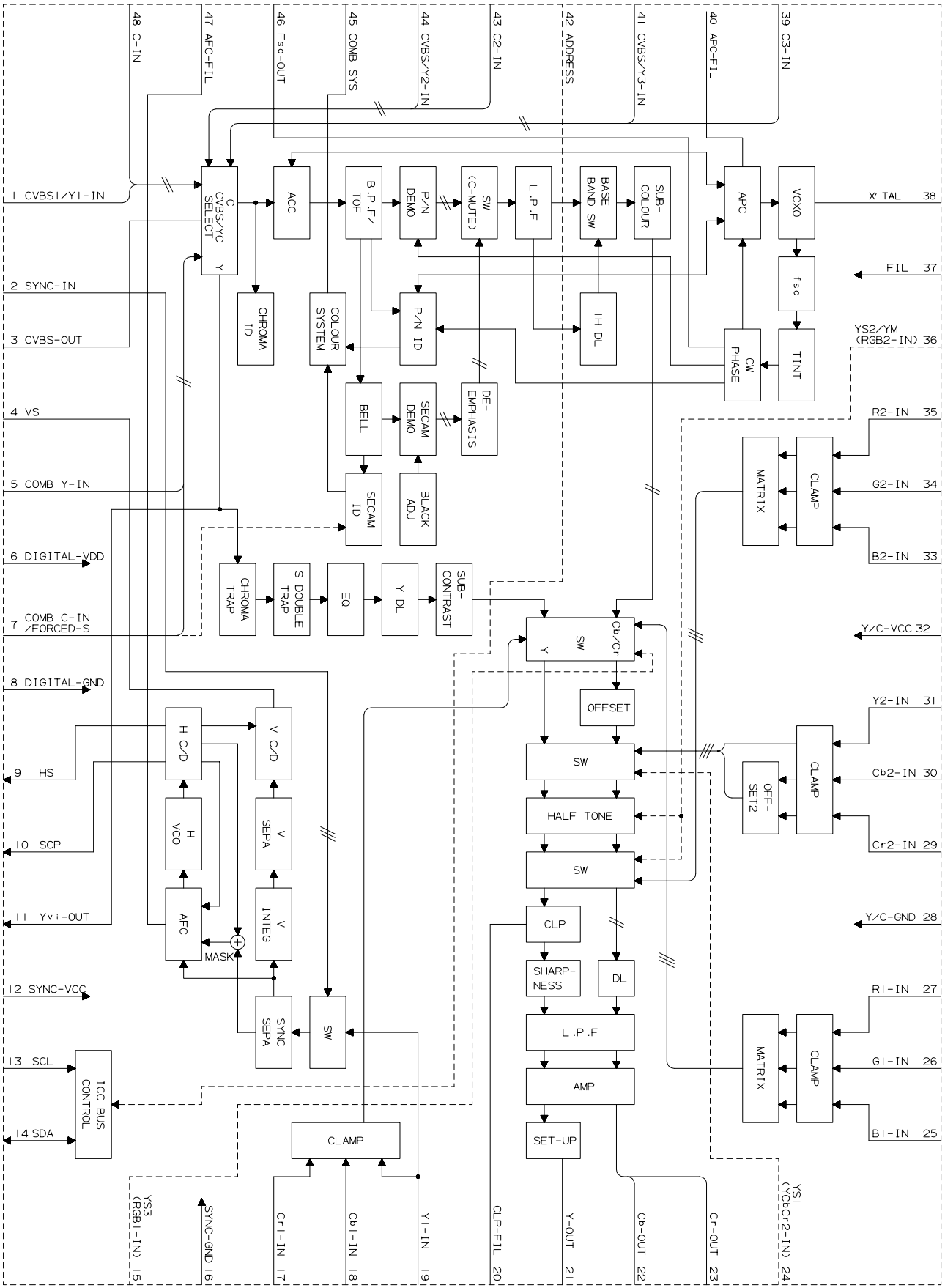


● Pin mapping

Pin No.	Pin Name	Type	Description
1	VIDEO 1-L1	I	D-pin connection line input
2	VIDEO 1-L2	I	
3	VIDEO 1-L3	I	
11	VIDEO 2-L1	I	
12	VIDEO 2-L2	I	
13	VIDEO 2-L3	I	
21	VIDEO 3-L1	I	
22	VIDEO 3-L2	I	
23	VIDEO 3-L3	I	
4, 14, 39,45, 52, 58	VCC	—	Analog power supply (9V)
51	AVCC	—	
5	VIDEO 2-Y	I	Y signal input
15	VIDEO 3-Y	I	
53	TUNER-Y	I	
59	VIDEO 1-Y	I	
24	DGND	—	
6, 8, 16, 18, 33,35, 37, 41, 43, 47, 49, 54, 58, 60, 62	GND	—	
7	VIDEO 2-Pb	I	Chrominance input
9	VIDEO 2-Pr	I	
17	VIDEO 3-Pb	I	
19	VIDEO 3-Pr	I	
55	TUNER-Pb	I	
57	TUNER-Pr	I	
61	VIDEO 1-Pb	I	
63	VIDEO 1-Pr	I	
10	VIDEO 2-SW	I	D-pin connection check switch line input
20	VIDEO 3-SW	I	
32	MONO-SW	I	
64	VIDEO 1-SW	I	
25	ADDRESS	I	Slave address input
26	SDA	I/O	I2C bus data input/output
27	SCL	I	I2C bus clock input
28	DVCC	—	Digital power supply (5V)
29	L3 OUT	O	Monitor output line output
30	L2 OUT	O	
31	L1 OUT	O	
34	Pr OUT 3	O	Image output
36	Pb OUT 3	O	
38	Y OUT 3	O	
40	Pr OUT 2	O	
42	Pb OUT 2	O	
44	Y OUT 2	O	
46	Pr OUT 1	O	
48	Pb OUT 1	O	
50	Y OUT 1	O	

■VHiTB1274AF-1Q (ASSY:IC801, IC802)
VIDEO/CHROMA Processor

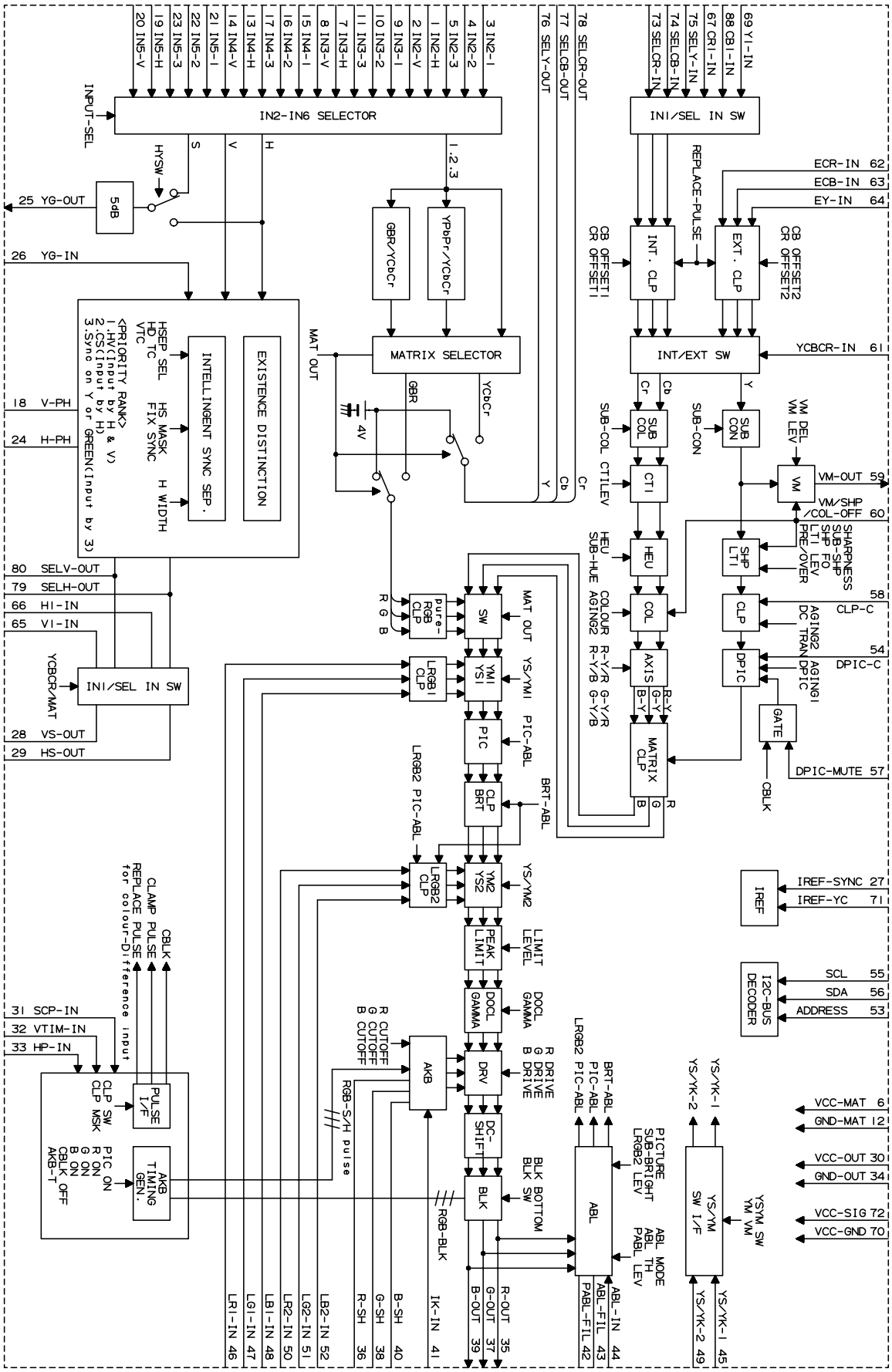
●Block diagram



● Pin mapping

Pin No.	Pin Name	Type	Description
1	CVBS1/Y1-IN	I	CVBS1 or Y1-IN signal input
2	SYNC-IN	I	Synchronization signal input
3	CVBS-OUT	O	CVBS or Y+C signal output
4	VS	O	Output of counted-down vertical synchronization signal
5	COMB Y-IN	I	Input of Y signal outputted from comb filter. Open when not used
6	D-VDD	—	5 VDC power supply to DDS/BUS/V-CD/H-CD block (standard)
7	COMB C-IN	I	Input of C signal outputted from comb filter. Open when not used
8	D-GND	—	GND for DDS/BUS/V-CD/H-CD block
9	HS	O	Output of horizontal synchronization signal under AFC
10	SCP	O	Sand castle pulse output. Clamp pulse and horizontal blanking pulse are outputted.
11	Yvi-IN	O	Output of synchronous input Y signal selected using video SW
12	SYNC-VCC	—	5VDC power supply to SYNC/HVCO block (standard)
13	SCL	I	I2C bus SCL input
14	SDA	I/O	I2C bus SDA output
15	YS3 (iRGB1-in)	I	Switch for selection between main signal and RGB1 input signal. This input is operative only when RGB1-ENB is enabled during bus setting.
16	SYNC-GND	—	GND for SYCN/HVOC block
17	Cr1-IN	I	Y1/Cb/Cr1 signal input
18	Cb1-IN	I	
19	Y1-IN	I	
20	CLP-FIL	—	Used to connect Y clamp filter
21	Y-OUT	O	Y/Cb/Cr signal output
22	Cb-OUT	O	
23	Cr-OUT	O	
24	YS1 (YVbC2-IN)	I	Switch for selection between main signal and input signal
25	B1-IN	I	RGB1 signal input. YS3 or I2C bus is used to select signal.
26	G1-IN	I	
27	R1-IN	I	
28	Y/C-GND	—	GND for Y/C/Text/Video-SW/1HDL block
29	Cr2-IN	I	Y2/Cb2/Cr2 signal input. YS1 is used to select signal. Open when the pin is not used.
30	Cb2-IN	I	
31	Y2-IN	I	
32	Y/C-VCC	—	5VDC Power supply to Y/C/Text/Video-SW/1HDL block. (standard)
33	B2-IN	I	RGB2 signal input. YS is used to select signal. Open when not used.
34	G2-IN	I	
35	R2-IN	I	
36	YS2/YM (RGB2-IN)	I	Switch for selection between main signal and RGB2 input signal
37	FIL.	—	Connected to Y/C-VCC pin
38	X'TAL	—	Connect to 16.2 MHz crystal oscillator
39	C3-IN	I	Chroma signal input. Open when not used.
40	APC-FIL	—	Connected to chroma modulation filter
41	CVBS3/Y3-IN	I	CVBS33 or Y3 signal input. Open when not used.
42	ADDRESS	I	Slave address input
43	C2-IN	I	Chroma signal input. Open when not used.
44	CVBS2/Y2-IN	I	CVBS2 or Y2 signal input. Open when not used.
45	COMB SYS	O	Current color system discrimination result output. Pin 46 is also used for this output.
46	Fsc-OUT	O	Sub carrier output
47	AFC-FIL	—	Connected to AFC detection filter
48	C1-IN	I	Chroma signal input. Open when not used.

■VHiCXA2101Q-1 (ASSY:IC803)
Baseband image signal processing
●Block diagram



• Pin mapping

Pin No.	Pin Name	Type	Description
1	IN2-H	I	IN2-H: Independent H periodic signal input
2	IN2-V	I	IN2-V: Independent V periodic signal input
3	IN2-1	I	IN2 system signal input
4	IN2-2	I	
5	IN2-3	I	
6	Vcc-MAT	—	Power supply to selector or synchronous processing modules
7	IN3-H	I	IN3-H: Independent H periodic signal input
8	IN3-V	I	IN3-V: Independent V periodic signal input
9	IN3-1	I	IN3 system signal input
10	IN3-2	I	
11	IN3-3	I	
12	GND-MAT	—	GND for selector or synchronous processing modules
13	IN4-H	I	IN4-H: Independent H periodic signal input
14	IN4-V	I	IN4-V: Independent V periodic signal input
15	IN4-1	I	IN4 system signal input
16	IN4-2	I	
17	IN4-3	I	
18	V-PH		Connected to capacitor for holding Vsync peak
19	IN5-H	I	IN5-H: Independent H periodic signal input
20	IN5-V	I	IN5-V: Independent V periodic signal input
21	IN5-1	I	IN5 system signal input
22	IN5-2	I	
23	IN5-3	I	
24	H-PH		Connected to capacitor for holding Hsync peak
25	YG-OUT	O	Output of composite video signal for synchronous separation
26	YG-IN	I	Input of composite video signal for synchronous separation
27	IREF-SYNC		Pin for reference current setting (approx. 4.6V)
28	VS-OUT	O	Output of HV of either IN1 system or IN2 - IN5 system selector signals. Signal is selected by I2C bus "YCBCR/MAT".
29	HS-OUT	O	
30	Vcc-OUT	O	Power supply to RGB system
31	SCP-IN	I	Sand-castle-pulse input
32	VTIM-IN	I	V timing pulse input
33	HP-IN	I	H pulse input
34	GND-OUT	O	GND for RGB system
35	R-OUT	O	RGB signal output. When 100IRE white is inputted, signal is outputted at 2.6Vp-p.
37	G-OUT	O	
39	B-OUT	O	
36	R-SH		RGB AKB sample & hold
38	G-SH		
40	B-SH		
41	IK-IN	I	Input of returned reference pulse
42	PABL-FIL		Peak ABL peak-hold
43	ABL-FIL		Creates LPF when ABL control signal is received.
44	ABL-IN		ABL control signal input
45	ABL-IN		YM1/YS1 control signal input. Input level is judged on the three-value logic. This pin enables VM to turn off when YM or YS reaches its specified value.
46	LR1-IN	I	Analog RGB1 signal input
47	LG1-IN	I	
48	LB1-IN	I	
49	LB1-IN	I	YM2/YS2 control signal input. Input level is judged on the three-value logic. This pin enables VM to turn off when YM or YS reaches its specified value.
50	LR2-IN	I	Analog RGB2 signal input
51	LG2-IN	I	
52	LB2-IN	I	
53	ADDRESS	I	I2C bus slave address input
54	DPIC-C	I	Used to connect capacitor to GND pair for detection of dynamic picture (black expansion)
55	SCL	I	I2C bus SCl (serial clock) input
56	SCL	I	I2C bus SDA (serial data) input
57	DPIC-MUTE	I	Used to provide mute control to dynamic picture (black expansion)
58	CLP-C		Connected to Y system clamp capacitor
59	VM-OUT	O	VM output. Differential waveform of Y signal is outputted with positive polarity.
60	VM/SHP/COL-OFF		Used to turn off VM, sharpness and color. Input level is judged on the three-value logic.
61	YCBCR-SW	I	Input for switching signal inputted to INT/EXT SW. External input pin is selected when this input is High.
62	ECR-IN	I	External Y/Cb/Cr signal input
63	ECB-IN	I	
64	EY-IN	I	

■RH-iXA392WJZZ (ASSY:IC1901)
PLD (Programmable Logic Device)

- **Pin mapping**

Pin No.	Pin Name	Type	Description
1	NC	—	Non-connection
2	SP_CP2	I	Input of clamp signal from synchronous separation IC (for 15K system)
3	SP_VD	I	Input of vertical synchronization signal from synchronous separation IC
4	GND	—	GND
5	SP_HD	I	Input of horizontal synchronization signal from synchronous separation IC
6	VD3	O	Output of vertical synchronization signal to synchronous separation IC
7	HD3	O	Output of horizontal synchronization signal to synchronous separation IC
8	SP_CP1	I	Input of clamp signal from synchronous separation IC (normal)
9	TDI	I	SP data input
10	TMS	I	SP mode input
11	TCK	I	SP clock input
12	TEXT_HD	O	TEXT_HD output
13	US_HD	I	RCA/TEXT horizontal synchronization signal input
14	TEXT_VD	O	TEXT_VD output
15	Vcc3.3V	—	TEXT_VD output
16	US_VD	I	RCA/TEXT vertical synchronization signal input
17	GND	—	GND
18	MODEA	I	Mode selection signal A
19	MODEB	I	Mode selection signal B
20	MODEC	I	Mode selection signal C
21	SELA	I	Input of HD switching control signal for main video chroma/RCA
22	SELO	I	Input of control signal for TEXT synchronization signal output
23	SELC	I	Input of control signal for TEXT synchronization signal output
24	TDO	O	ISP data output
25	GND	—	GND
26	Vcc3.3V	—	Power supply
27	VD1	I	Input of vertical synchronization signal from main video chroma IC
28	HD1	I	Input of horizontal synchronization signal from main video chroma IC
29	PL_VD	O	Vertical synchronization signal output
30	PL_HD	O	Horizontal synchronization signal output
31	PL_CP	O	Clamp signal output
32	PL_BLK	O	H blank signal output
33	MODED	I	Mode selection signal D
34	NC	—	Non-connection
35	Vcc3.3V	—	Power supply
36	NC	—	Non-connection
37	CC_HD	O	Horizontal synchronization signal for closed caption
38	ow_vblk	I	Auto wide V blank signal input
39	HDS	O	Output of horizontal synchronization signal for PC I/F unit
40	VDS	O	Output of vertical synchronization signal for PC I/F unit
41	HD2	I	Input of horizontal synchronization signal from sub video chroma IC
42	VD2	I	Input of vertical synchronization signal from sub video chroma IC
43	clk	I	Clock input
44	NC	—	Non-connection

■VHiTC90A69++1Y (ASSY:IC402)
3 Line Digital Comb Filter (NTSC/PAL)

- **Pin mapping**

Pin No.	Pin Name	Type	Description
1	BIAS	—	ADC bias
2	VRT	—	ADC upper limit bias
3	VDD1	—	ADC and DAC power supply (analog system)
4	TESTI1	I	Input for testing
5	VSS2	—	ADC GND (analog system)
6	VRB	—	Video signal input
7	YCIN	I	ADC lower limit bias
8	TEST	O	Reset control and test control before shipping
9	KILLER	I	Y/C separation and vertical enhancer OFF
10	TESTI2	I	Input for testing
11	VDD3	—	Power supply to logic (digital system)
12	VSS3	—	Logic and DRAM GND (digital system)
13	VDD2	—	DRAM power supply (digital system)
14	TESTI3	I	Input for testing
15	SCL	I	I2C BUS clock input
16	SDA	I	I2C BUS data input
17	MODE1	O	MODE1 output
18	TESTOUT	I	Test input
19	FSC	I	Clock input
20	VDD4	—	PLL power supply (analog system)
21	VSS4	—	PLL GND (analog system)
22	FIL	I	VCO control
23	PD	O	PLL detection output
24	VB2	—	DAC bias 2
25	YOUT	O	Luminance signal output
26	VSS1	—	DAC GND (analog system)
27	COUT	O	Color signal output
28	VB1	—	DAC bias 1

■RH-iX3270CEZZ (ASSY:IC10001)
32-bit RISC Micro Processor

- **Pin mapping**

Pin No.	Pin Name	Type	Description
34, 36-44, 46, 48-52	D[15:0]	I/O	Data bus D [15:0]
23-26, 28, 30-32	D[23:16/PTA[7:0]	I/O	Data bus D [23:16] / I/O port A [7:0]
13-18, 20, 22	D[31:24/PTB[7:0]	I/O	Data bus D [31:24] / I/O port B [7:0]
86, 84, 82, 78-72, 70-68-60, 56-53	A[25:0]	O	Address bus A [15:0]
96	CS0	O	Chip select 0/
98	CS2/PTK[0]	O/(I/O)	Chip select 2 / I/O port K [0]
99	CS3/PTK[1]	O/(I/O)	Chip select 3 / I/O port K [1]
100	CS4/PTK[2]	O/(I/O)	Chip select 4 / I/O port K [2]
101	CS5/CE1E/PTK[3]	O/(I/O)	Chip select 5 / CE1 (area 5SPCMIA)/O port K [3]
102	CS6/CE1B	O	Chip select 6 / CE1 (area 6SPCMIA)
87	BS/PTK[4]	O/(I/O)	Bus cycle start signal / I/O port K [4]
118	RAS3U/PTE[2]	O/(I/O)	RAS (area 3DRAM, SDRAM upper 32MB address) / I/O port E [2]
106	RAS3L/PTJ[0]	O/(I/O)	RAS (area 3DRAM, SDRAM upper 32MB address) / I/O port J [0]
119	RAS2U/PTE[1]	O/(I/O)	RAS (area 2DRAM, SDRAM upper 32MB address) / I/O port E [1]
107	RAS2L/PTJ[1]	O/(I/O)	RAS (area 2DRAM, SDRAM upper 32MB address) / I/O port JE [1]
108	CASLL/CAS/PTJ[2]	O/(I/O)	D7-D0 CAS (DRAM)/CAS (SDRAM) / I/O port J [2]
110	CASLH/PTJ[3]	O/(I/O)	D15-D18 CAS (DRAM) / I/O port J [3]
112	CASHL/PTJ[4]	O/(I/O)	D23-D16 CAS (DRAM) / I/O port J [4]
113	CASHH/PTJ[5]	O/(I/O)	D31-D24 CAS (DRAM) / I/O port J [5]
116	CAS2L/PTE[6]	O/(I/O)	D31-D24 CAS (DRAM) / I/O port J [5]
117	CAS2H/PTE[3]	O/(I/O)	D31-D24 CAS (DRAM) / I/O port J [5]
89	WE0/DQMLL	O	D7-D0 selection signal/DQM (SDRAM)
90	WE1/DQMLU/WE	O	D7-D0 selection signal/DQM (SDRAM)
91	WE2/DQMUL/ ICIORD/PTK[6]	O/(I/O)	D23-D16 selection signal/DQM (SDRAM)/PCMCIA I/O port K [6]
92	WE3/DQMUU/ ICIOWR/PTK[7]	O/(I/O)	D31-D24 selection signal/DQM (SDRAM)/PCMCIA I/O write I/O port K [7]
93	RD/WR	O	Read/Write switch signal
88	RD	O	Read strobe
105	CKE/PTK[5]	O/(I/O)	CK enable (for SDRAM only) / I/O port K [5]
123	WAIT	I	Hardware wait request
11-8	IRL[3:0]/IRQ[3:0]/ PTH[3:0]	I	Hardware wait request
12	IRQ4/PTH[4]	I	External interrupt request / I/O port H [4]
7	NMI	I	Non-maskable interrupt request
160	IRQOUT	O	Interrupt request output
182	WAKEUP/PTD[3]	O/(I/O)	Standby mode interrupt request output / I/O ports D [3]
159	TCLK/PTH[7]	I/O	TMU/RTC clock I/O / I/O port H [7]
191	DREQ0/PTD[4]	I	DMA request 0 / I/O port D [4]
114	DACK0/PTD[5]	O/(I/O)	DMA ACK 0 / I/O port D [5]
192	DREQ1/PTD[6]	I	DMA request 0 / I/O port D [6]
115	DACK1/PTD[7]	O/(I/O)	DMA ACK 1 / I/O port D [7]
189	DRAK0/PTD[1]	O/(I/O)	DMA ACK 1 / I/O port D [7]
190	DRAK1/PTD[0]	O/(I/O)	DMA ACK 0 / I/O port D [0]
171	RxD0/SCPT[0]	I	Receive data 0/SCI input port [0]
164	TxD0/SCPT[0]	O	Send data 0/SCI output port [0]
165	SCK0/SCPT[1]	I/O	Serial clock 0/SCI I/O port [1]
172	RxD1/SCPT[2]	I	Receive data 0/SCI input port [2]
166	TxD1/SCPT[2]	O	Send data 0/SCI output port [2]
167	SCK1/SCPT[1]	I/O	Serial clock 1/SCI I/O port [3]
174	RxD2/SCPT[4]	I	Receive data 0/SCI input port [4]
168	TxD2/SCPT[4]	O	Send data 2/SCI output port [4]
169	SCK2/SCPT[5]	I/O	Serial clock 2/SCI I/O port [5]
170	RTS2/SCPT[6]	O/(I/O)	Send request 2/SCI I/O port [6]
176	CTS2/IRQ5/SCPT[7]	I	Send clear 2/enternal interrupt request/SCI input port [7]
104	CE2B/PTE[5]	O/(I/O)	PC card 0 chip enable 2 / I/O port E [5]
126	IOIS16/PTG[7]	I	Write protect/input port G [7]
103	CE2A/PTE[[4]	O/(I/O)	PC card 1 chip enable 2 / I/O port E [4]
146, 149	CAP[1:2]	—	PLL external capacitor pin [1:2]
156	EXTAL	I	External clock/crystal oscillator input
155	XTAL	O	Crystal oscillator output
162	CKIO	I/O	System clock I/O
5	EXTAL2	I	RTC crystal oscillator input
4	XTAL	O	RTC crystal oscillator output

• Pin mapping

Pin No.	Pin Name	Type	Description
193	RESETP	I	Power-on reset request
124 122	RESETM BREQ	I I	Manual reset request Bus request
121	BACK	O	Bus ACK
2, 1, 144	MD[2:0]	I	Clock mode select
196, 195	MD[4:3]	I	Area 0 bus width select
197	MD5	I	Endian select
194	CA	O	Chip active
158, 157	STATUS[1:0]/ PTJ[7:6]	I/O	Processor status [1:0] / I/O port J [7:6]
204-199	AN[5:0]/PTL[6:7]	I	A/D converter input [5:0]/input port L [5:0]
206, 207	AN[6:7]/DA[1:0]/ PTL[6:7]	I/O	A/D converter input [6:7] / D/A converter output [1:0] / input port L [6:7]
177-180, 185-188	PTC[7:0]/PINT[7:0]	I/O	I/O port C [7:0]/port interrupt [7:0]
184	PTD[2]/RESETOUT	I/O	I/O port D [2]/reset output
120, 94	PTE[0]/PTE[7]	I/O	I/O port E [0]/I/O port E [7]
136-143	PTF[7:0]/PINT[15:8]	I	I/O port E [7:0]/port interrupt [15:8]
127-131, 135	PTG[6:0]	I	I/O port G [6:0]
125	PTH[5]/ADTRG	I	I/O port H [5]/analog trigger
151	PTH[6]	I	I/O port H [6]
21, 29, 35, 47, 59, 71, 81, 85, 97, 111, 134, 154, 163, 175, 183	Vcc	—	Power supply (3.3V)
145, 150	Vcc(PLL)	—	Power supply (3.3V)
3	Vcc(RTC)	—	Power supply (3.3V)
205	Avcc	—	Analog power supply (3.3V)
19, 27, 33, 45, 57, 69, 79, 83, 95, 109, 132, 152, 153, 161, 173, 181	Vss	—	Power supply (0V)
147, 148	Vss(PLL)	—	Power supply (0V)
6	Vss(TRC)	—	Power supply (0V)
198, 208	Avss	—	Analog power supply (0V)

■9DK001-15079 (CXA3506R) (ASSY:IC10004)
3-channel, 8-bit, 120MSPS A/D converter amplifier PLL

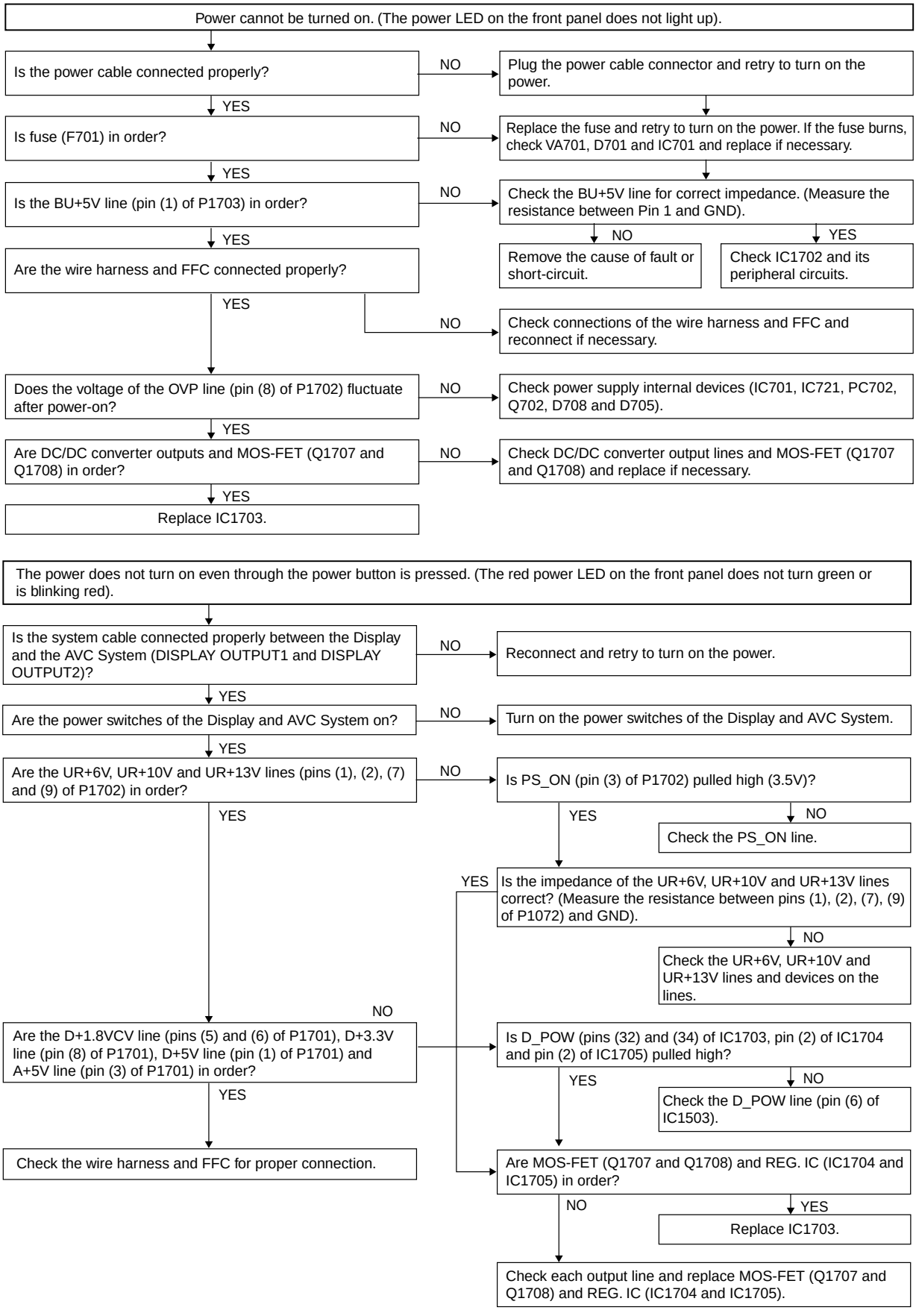
- **Pin mapping**

Pin No.	Pin Name	Type	Description
1	B/CbOUT	O	Amplifier output signal monitor
2	ADDRESS	I	I2C slave addressing
3	R/CrOUT	O	Amplifier output signal monitor
4	NC	—	Not used
5	NC	—	Not used
6	XPOWERSAVE	I	Power saving
7	DGNDREG	—	Resistor GND
8	DVCCREG	—	Resistor power supply
9	SDA	I	Control resistor data input
10	SCL	I	Control resistor clock signal input
11	XSENABLE	I	3-wire control resistor enable signal input
12	SEROUT	O	3-wire control resistor data read
13	3WIRE/I2C	I	I2C bus mode and 3-wire bus mode select
15	AVCCADREF	—	ADC reference voltage power supply
16, 94	AVCCAD3	—	ADC analog power supply
17	VRT	O	ADC top reference voltage output
18, 92	DVCCAD3	—	ADC digital power supply
19, 32, 42, 54, 65,76,90	DVCCADTTL	—	ADC TTL output power supply
20, 33, 44, 55, 67, 77, 89	DGNDADTTL	—	ADC TLL output GND
21, 22, 24-28, 31	RA0~RA7	O	R channel port A data output
23, 30, 43, 50, 59, 66,7 9, 86	DGNDAD3	—	ADC digital GND
29, 80	AGNDAD3	—	ADC analog GND
34-41	RB0~RB7	O	R channel port B data output
45-49, 51-53	BA0~`BA7	O	B channel port A data output
56-58, 60-64	BB0~BB7	O	B channel port B data output
68-75	GA0~GA7	O	G channel port A data output
78, 81-85, 87,88	GB0~GB7	O	G channel port B data output
91	DVCCAD	—	ADC digital power supply
93	VRB	O	ADC bottom reference voltage output
95	AGNDADREF	—	ADC reference voltage GND
96	DVCCPLLTTL	—	PLL TTL output power supply
97	DGNDPLLTTL	—	PLL TTL output GND
98	XCLKCLK	O	CLK reverse output
99	1/2XCLK	O	CLK output
100	1/2CLK	O	I2CLK reverse output
101	DSYNC/	O	I2CLK output
103	DIVOUT	O	DSYNC signal output/DIVOUT signal output
104	UNLOCK	O	UNLOCK signal output
105	SOGOUT	O	Input of sink signal of Sink-On-Green signal
106	HOLD	I	Phase comparison disable signal input
107	XTLOAD	I	Programmable counter reset
108	EVEN/ODD	I	ADC sampling clock inverse pulse input
109	XCLKIN	I	Negative test clock input
110	CLKIN	I	Positive test clock input
111	SYNCIN1	I	Sink signal input 1
112	SYNCIN2	I	Sink signal input 2
113	CLPIN	I	Clamp pulse input
114	DVCCPLL	—	PLL digital power supply
115	DGNDPLL	—	PLL digital GND
116	AVCCVCO	—	PLL VCO analog power supply
117	AGNDVCO	—	PLL VCO analog GND
118	RC1	—	External PLL loop filter
119	RC2	—	External PLL loop filter
120	AVCCIR	—	IREF analog power supply
121	IREF	I	Current input
123	AGNDIR	—	IREF analog GND
124	G/YIN1	I	G/Y signal input 1
125	AVCCAMPG	—	G/Y amplifier power supply
126	G/YIN2	I	G/Y signal input 2
127	AGNDAMPG	—	G/Y amplifier power supply
128	G/YCLP	—	Brightness clamp capacitor connection
129	B/CbCLP	—	Brightness clamp capacitor connection
130	R/CrCLP	—	Brightness clamp capacitor connection
132	SOGIN1	I	Sink-On-Green signal input 1
133	B/CbIN1	I	B/Cb signal input 1
134	AVCCAMPB	—	B/Cb amplifier power supply
135	SOGIN2	I	Sink-On-Green signal input 2
136	B/CbIN2	I	B/Cb signal input 2
137	AGNDAMPB	—	B/Cb amplifier GND

Pin No.	Pin Name	Type	Description
139	R/CrIN1	I	R/Cr signal input 1
140	AVCCAMPR	—	R/Cr amplifier power supply
141	R/CrIN2	I	R/Cr signal input 2
142	AGNDAMPR	—	R/Cr amplifier GND
143	G/YOUT	O	Amplifier output signal monitor
144	DACTEST	O	Input for testing amplifier control resistor DAC
14, 102, 122, 131, 138	OUTDPGND	—	GND

TROUBLE SHOOTING TABLE

(AVC System)


Power cannot be turned on. (The power LED on the front panel does not light up).
Is the power cable connected properly?
NO
Plug the power cable connector and retry to turn on the power.
YES
Is fuse (F701) in order?
NO
Replace the fuse and retry to turn on the power. If the fuse burns, check VA701, D701 and IC701 and replace if necessary.
YES
Is the BU+5V line (pin (1) of P1703) in order?
NO
Check the BU+5V line for correct impedance. (Measure the resistance between Pin 1 and GND).
NO
YES
Remove the cause of fault or short-circuit.
Check IC1702 and its peripheral circuits.
YES
Are the wire harness and FFC connected properly?
YES
NO
Check connections of the wire harness and FFC and reconnect if necessary.
Does the voltage of the OVP line (pin (8) of P1702) fluctuate after power-on?
NO
Check power supply internal devices (IC701, IC721, PC702, Q702, D708 and D705).
YES
Are DC/DC converter outputs and MOS-FET (Q1707 and Q1708) in order?
NO
Check DC/DC converter output lines and MOS-FET (Q1707 and Q1708) and replace if necessary.
YES
Replace IC1703.
The power does not turn on even through the power button is pressed. (The red power LED on the front panel does not turn green or is blinking red).
Is the system cable connected properly between the Display and the AVC System (DISPLAY OUTPUT1 and DISPLAY OUTPUT2)?
NO
Reconnect and retry to turn on the power.
YES
Are the power switches of the Display and AVC System on?
NO
Turn on the power switches of the Display and AVC System.
YES
Are the UR+6V, UR+10V and UR+13V lines (pins (1), (2), (7) and (9) of P1702) in order?
NO
Is PS_ON (pin (3) of P1702) pulled high (3.5V)?
YES
NO
Check the PS_ON line.
YES
Is the impedance of the UR+6V, UR+10V and UR+13V lines correct? (Measure the resistance between pins (1), (2), (7), (9) of P1072) and GND).
NO
Check the UR+6V, UR+10V and UR+13V lines and devices on the lines.
NO
Are the D+1.8VCV line (pins (5) and (6) of P1701), D+3.3V line (pin (8) of P1701), D+5V line (pin (1) of P1701) and A+5V line (pin (3) of P1701) in order?
Is D_POW (pins (32) and (34) of IC1703, pin (2) of IC1704 and pin (2) of IC1705) pulled high?
YES
NO
Check the D_POW line (pin (6) of IC1503).
YES
Check the wire harness and FFC for proper connection.
Are MOS-FET (Q1707 and Q1708) and REG. IC (IC1704 and IC1705) in order?
NO
YES
Replace IC1703.
Check each output line and replace MOS-FET (Q1707 and Q1708) and REG. IC (IC1704 and IC1705).

No sound (1)

No sound is heard from the speaker in all modes.

Is the monitor audio output set to "Variable"? or Is the headphone connected?
- YES → Set the monitor audio output to "Fixed". Remove the headphone.
- NO ↓

Are the audio signal outputs of IC2501 (multi-sound processor) in order? Pins (36) and (37) of IC2501 (SC1 OUT L/R).
- NO → Check IC2501 (multi-sound processor) and its peripheral circuits.
- ↓

Are audio signals applied to the AV unit connectors (pins (1) and (3) of P2502)?
- NO → Check lines and devices between pins (36), (37) of IC2501 and pins (1), (3) of the AV unit connector (P2502). (Q2504-5, Q2507 and Q2508)
- YES ↓

Check peripherals of the SR unit DISPLAY OUTPUT 2 terminal (SC6000).
- YES ↓

Check audio circuits of the Display.

The speaker generates no sound when audio signals are inputted from an external device or a PC.

Are the audio outputs of IC1301 (AV switch) in order? Pins (52) and (54) of IC1301 (TV MAIN OUT L/R)
- YES → Are the audio inputs of IC2501 (multi-sound processor) in order? Pins (56) and (57) of IC2501 (SCI IN1 L/R)
- NO ↓

Are the audio signal inputs of IC1301 (AV switch) in order?
Input 1: pins (2) and (4) of IC1301
Input 2: pins (9) and (11) of IC1301
Input 3: pins (16) and (18) of IC1301
Input 4 (Front:J2404): pins (23) and (25) of IC1301
PC input (J2403): pins (29) and (31) of IC1301
- YES → Are the audio signal input circuits of IC1301 (AV switch) in order?
  Input 1: Between pins (5), (14) of J1103 and pins (2), (4) of IC1301
  Input 2: Between pins (2), (11) of J1103 and pins (9), (11) of IC1301
  Input 3: Between pins (5), (14) of J1104 and pins (16), (18) of IC1301
  Input 4: Between pins (5), (7) of J2404 and pins (23), (25) of IC1301
  PC input: Between J2403 and pins (29), (31) of IC1301
- YES ↓

Check IC1301 (A switch) and its peripherals.

No sound (2)

The speaker generates no sound when TV signal is received.

Are the tuner audio inputs of IC2501 (multi-sound processor) in order?
Pin (67) (sound IF1) of IC2501
Pin (69) (sound IF2) of IC2501
- YES → Check IC2501 (multi-sound processor) and its peripheral circuits.
- NO ↓

Is the audio signal applied to pin (15) of tuner (TU1101/TU1102) output?
- YES → Check B.P.F. of SIF1 and SIF2. (Q1102, Q1105-6, Q1104 and Q1114-5)
- NO ↓

Check TU1101/1102 (U/V tuner) and its peripherals.

No monitor audio output or abnormal audio

The audio level is abnormal:
Is the monitor audio output set correctly?
"Variable" or "Fixed"
- YES ↓

No sound at all:
Are the audio outputs of IC2501 (Multi-sound processor) in order?
Pins (34) and (33) (SC2 OUT L/R) of IC2501
- YES → Check lines and devices between pins (34), (33) of IC2501 and the monitor output (J1101). Also check the audio mute circuit. (Q2502-3 and Q1102-3)

No image (1)

No VIDEO image on INPUT1

Has "INPUT1" been selected on the Input Select screen?
- NO → Select "INPUT1" on the Input Select screen.
- YES ↓

Are video signals applied to input terminal of IC1301 (AV SW)?

Is video signal applied to pin (1) (composite video signal input)?
- NO → Check lines and devices between pin (23) of J1103 (INPUT1) and pin (1) of IC1301.

Are Y and C signals applied to pins (3) and (5) (S video signal input) respectively?
- NO → Check lines and devices between pins (9)/(10) of SC1101 (INPUT1) and pins (3)/(5) of IC1301.
- YES ↓

(A)

No VIDEO image (2) on INPUT2

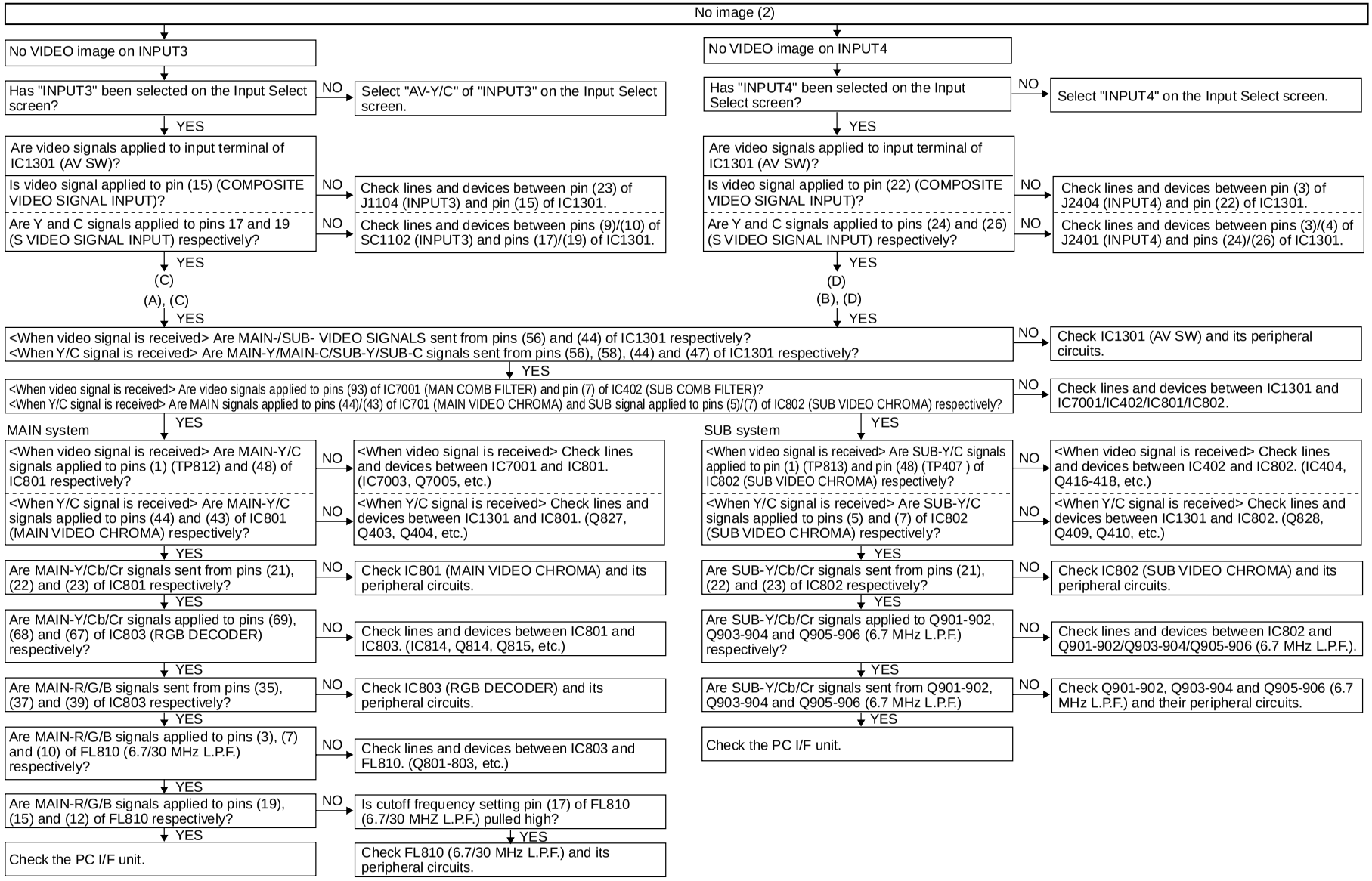
Has "INPUT2" been selected on the Input Select screen?
- NO → Select "INPUT2" on the Input Select screen.
- YES ↓

Are video signals applied to input terminal of IC1301 (AV SW)?

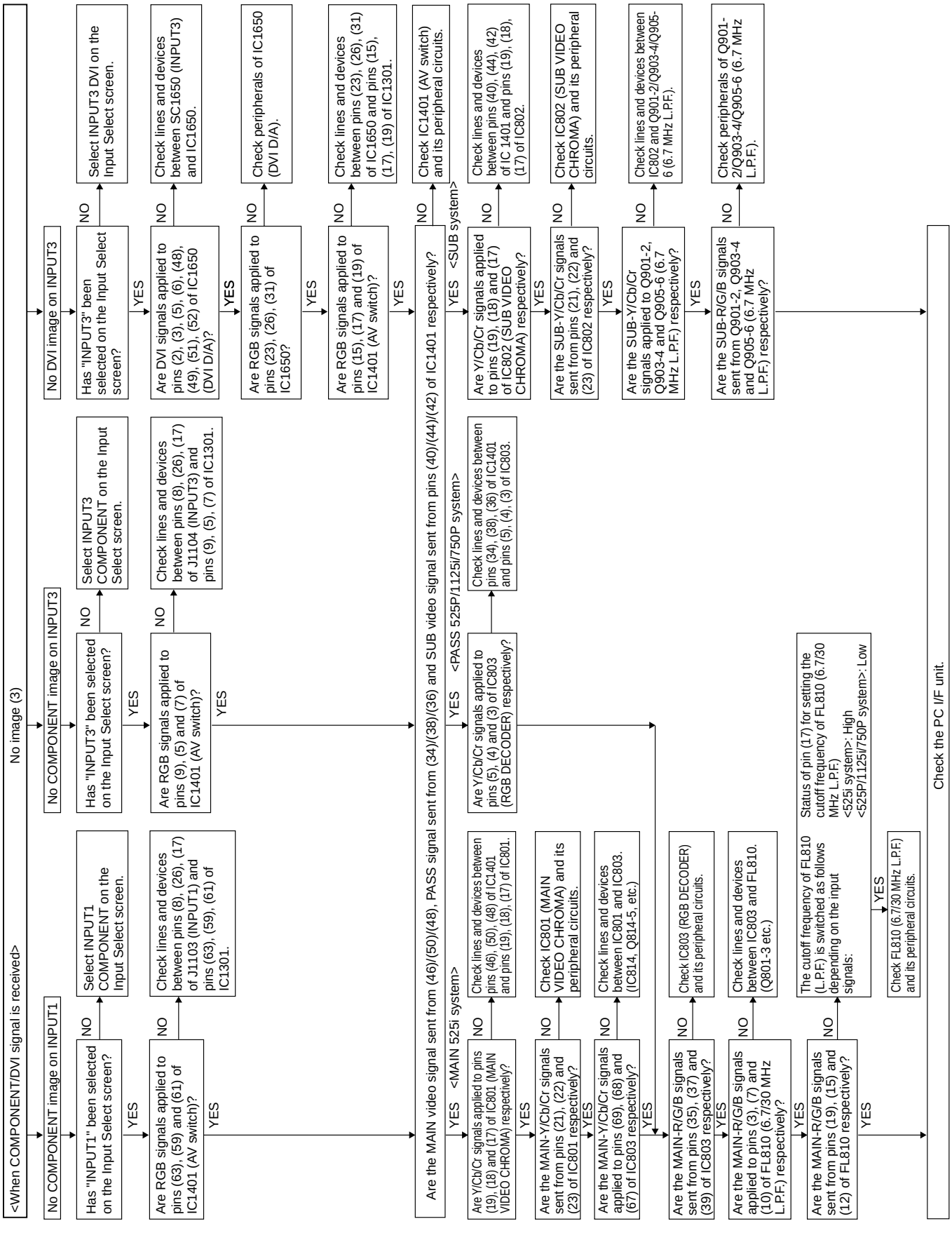
Is video signal applied to pin (8) (composite video signal input)?
- NO → Check lines and devices between pin (20) of J1103 (INPUT2) and pin (8) of IC1301.

Are Y and C signals applied to pins (10) and (12) (S video signal input) respectively?
- NO → Check lines and devices between pins (3)/(4) of SC1101 (INPUT2) and pins (10)/(12) of IC1301.
- YES ↓

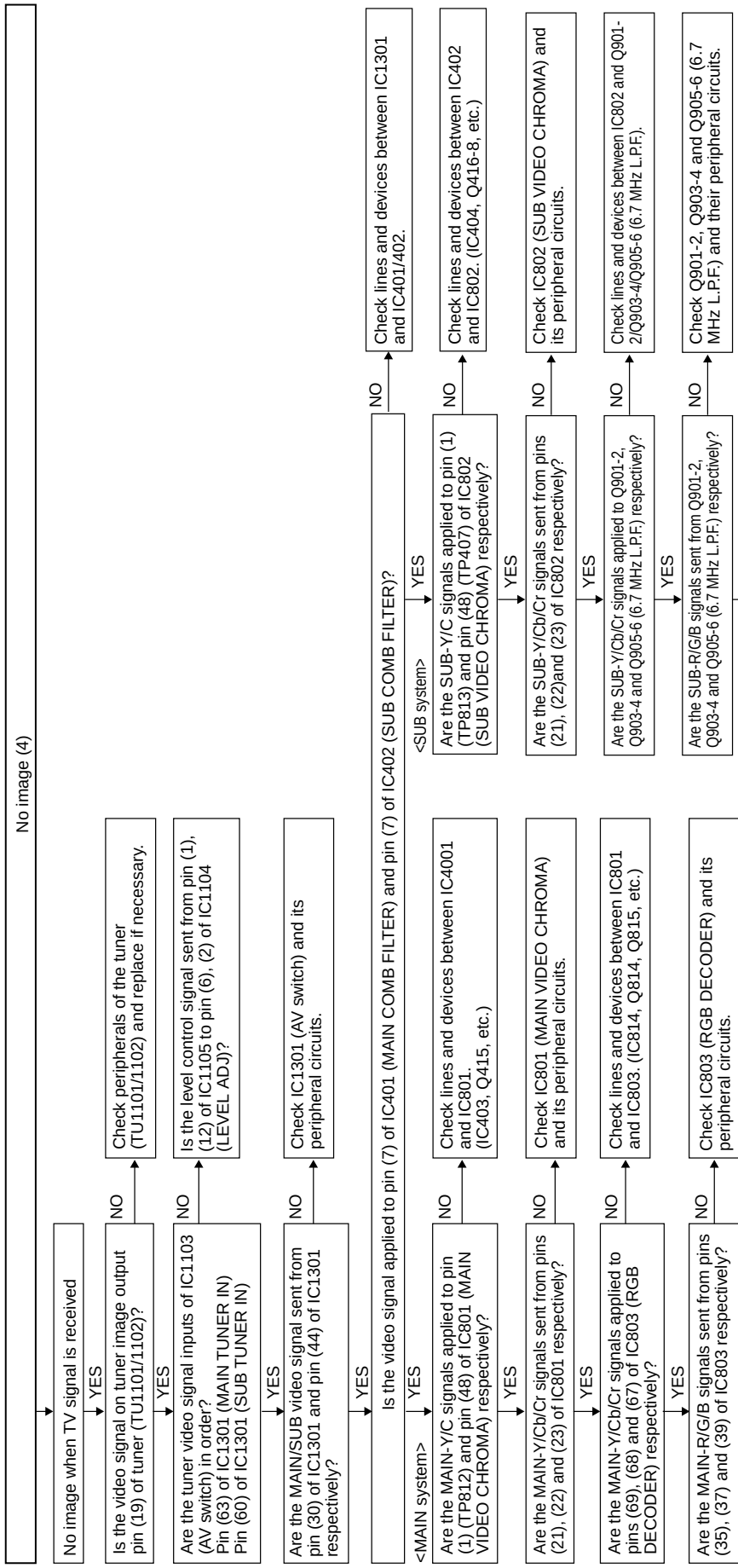
(B)


No image (2)
No VIDEO image on INPUT3
Has "INPUT3" been selected on the Input Select screen?
NO
Select "AV-Y/C" of "INPUT3" on the Input Select screen.
YES
Are video signals applied to input terminal of IC1301 (AV SW)?
Is video signal applied to pin (15) (COMPOSITE VIDEO SIGNAL INPUT)?
NO
Check lines and devices between pin (23) of J1104 (INPUT3) and pin (15) of IC1301.
Are Y and C signals applied to pins 17 and 19 (S VIDEO SIGNAL INPUT) respectively?
NO
Check lines and devices between pins (9)/(10) of SC1102 (INPUT3) and pins (17)/(19) of IC1301.
YES
(C)
(A), (C)
YES
No VIDEO image on INPUT4
Has "INPUT4" been selected on the Input Select screen?
NO
Select "INPUT4" on the Input Select screen.
YES
Are video signals applied to input terminal of IC1301 (AV SW)?
Is video signal applied to pin (22) (COMPOSITE VIDEO SIGNAL INPUT)?
NO
Check lines and devices between pin (3) of J2404 (INPUT4) and pin (22) of IC1301.
Are Y and C signals applied to pins (24) and (26) (S VIDEO SIGNAL INPUT) respectively?
NO
Check lines and devices between pins (3)/(4) of J2401 (INPUT4) and pins (24)/(26) of IC1301.
YES
(D)
(B), (D)
YES
<When video signal is received> Are MAIN-/SUB- VIDEO SIGNALS sent from pins (56) and (44) of IC1301 respectively?
<When Y/C signal is received> Are MAIN-Y/MAIN-C/SUB-Y/SUB-C signals sent from pins (56), (58), (44) and (47) of IC1301 respectively?
NO
Check IC1301 (AV SW) and its peripheral circuits.
YES
<When video signal is received> Are video signals applied to pins (93) of IC7001 (MAN COMB FILTER) and pin (7) of IC402 (SUB COMB FILTER)?
<When Y/C signal is received> Are MAIN signals applied to pins (44)/(43) of IC701 (MAIN VIDEO CHROMA) and SUB signal applied to pins (5)/(7) of IC802 (SUB VIDEO CHROMA) respectively?
NO
Check lines and devices between IC1301 and IC7001/IC402/IC801/IC802.
YES
MAIN system
<When video signal is received> Are MAIN-Y/C signals applied to pins (1) (TP812) and (48) of IC801 respectively?
NO
<When video signal is received> Check lines and devices between IC7001 and IC801. (IC7003, Q7005, etc.)
<When Y/C signal is received> Are MAIN-Y/C signals applied to pins (44) and (43) of IC801 (MAIN VIDEO CHROMA) respectively?
NO
<When Y/C signal is received> Check lines and devices between IC1301 and IC801. (Q827, Q403, Q404, etc.)
YES
Are MAIN-Y/Cb/Cr signals sent from pins (21), (22) and (23) of IC801 respectively?
NO
Check IC801 (MAIN VIDEO CHROMA) and its peripheral circuits.
YES
Are MAIN-Y/Cb/Cr signals applied to pins (69), (68) and (67) of IC803 (RGB DECODER) respectively?
NO
Check lines and devices between IC801 and IC803. (IC814, Q814, Q815, etc.)
YES
Are MAIN-R/G/B signals sent from pins (35), (37) and (39) of IC803 respectively?
NO
Check IC803 (RGB DECODER) and its peripheral circuits.
YES
Are MAIN-R/G/B signals applied to pins (3), (7) and (10) of FL810 (6.7/30 MHz L.P.F.) respectively?
NO
Check lines and devices between IC803 and FL810. (Q801-803, etc.)
YES
Are MAIN-R/G/B signals applied to pins (19), (15) and (12) of FL810 respectively?
NO
Is cutoff frequency setting pin (17) of FL810 (6.7/30 MHZ L.P.F.) pulled high?
YES
Check FL810 (6.7/30 MHz L.P.F.) and its peripheral circuits.
YES
Check the PC I/F unit.
SUB system
<When video signal is received> Are SUB-Y/C signals applied to pin (1) (TP813) and pin (48) (TP407) of IC802 (SUB VIDEO CHROMA) respectively?
NO
<When video signal is received> Check lines and devices between IC402 and IC802. (IC404, Q416-418, etc.)
<When Y/C signal is received> Are SUB-Y/C signals applied to pins (5) and (7) of IC802 (SUB VIDEO CHROMA) respectively?
NO
<When Y/C signal is received> Check lines and devices between IC1301 and IC802. (Q828, Q409, Q410, etc.)
YES
Are SUB-Y/Cb/Cr signals sent from pins (21), (22) and (23) of IC802 respectively?
NO
Check IC802 (SUB VIDEO CHROMA) and its peripheral circuits.
YES
Are SUB-Y/Cb/Cr signals applied to Q901-902, Q903-904 and Q905-906 (6.7 MHz L.P.F.) respectively?
NO
Check lines and devices between IC802 and Q901-902/Q903-904/Q905-906 (6.7 MHz L.P.F.).
YES
Are SUB-Y/Cb/Cr signals sent from Q901-902, Q903-904 and Q905-906 (6.7 MHz L.P.F.)
NO
Check Q901-902, Q903-904 and Q905-906 (6.7 MHz L.P.F.) and their peripheral circuits.
YES
Check the PC I/F unit.

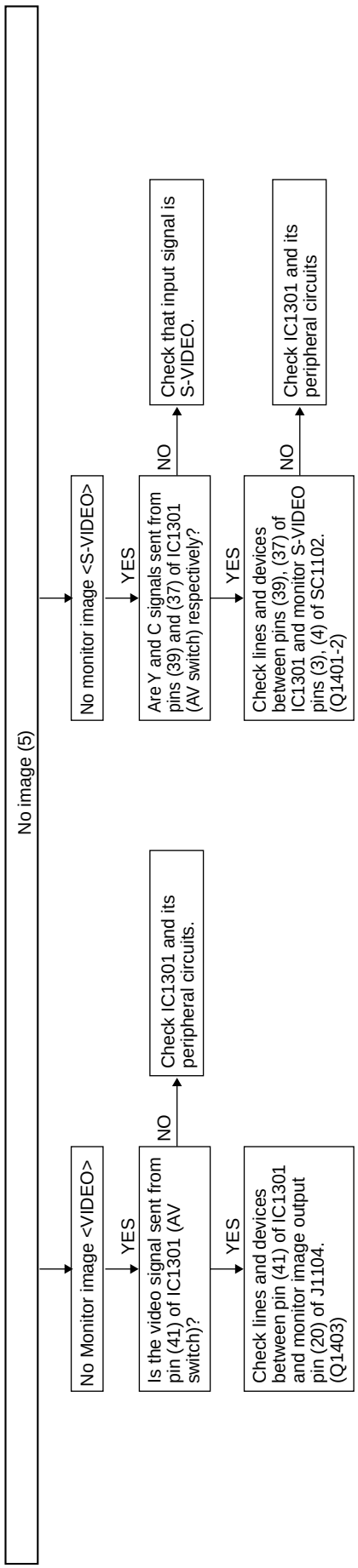
•AVC System


<When COMPONENT/DVI signal is received>
No image (3)
No COMPONENT image on INPUT1
Has "INPUT1" been selected on the Input Select screen?
NO
Select INPUT1 COMPONENT on the Input Select screen.
YES
Are RGB signals applied to pins (63), (59) and (61) of IC1401 (AV switch)?
NO
Check lines and devices between pins (8), (26), (17) of J1103 (INPUT1) and pins (63), (59), (61) of IC1301.
YES
No COMPONENT image on INPUT3
Has "INPUT3" been selected on the Input Select screen?
NO
Select INPUT3 COMPONENT on the Input Select screen.
YES
Are RGB signals applied to pins (9), (5) and (7) of IC1401 (AV switch)?
NO
Check lines and devices between pins (8), (26), (17) of J1104 (INPUT3) and pins (9), (5), (7) of IC1301.
YES
No DVI image on INPUT3
Has "INPUT3" been selected on the Input Select screen?
NO
Select INPUT3 DVI on the Input Select screen.
YES
Are DVI signals applied to pins (2), (3), (5), (6), (48), (49), (51), (52) of IC1650 (DVI D/A)?
NO
Check lines and devices between SC1650 (INPUT3) and IC1650.
YES
Are RGB signals applied to pins (23), (26), (31) of IC1650?
NO
Check peripherals of IC1650 (DVI D/A).
YES
Are RGB signals applied to pins (15), (17) and (19) of IC1401 (AV switch)?
NO
Check lines and devices between pins (23), (26), (31) of IC1650 and pins (15), (17), (19) of IC1301.
YES
Are the MAIN video signal sent from (46)/(50)/(48), PASS signal sent from (34)/(38)/(36) and SUB video signal sent from pins (40)/(44)/(42) of IC1401 respectively?
NO
Check IC1401 (AV switch) and its peripheral circuits.
YES <MAIN 525i system>
Are Y/Cb/Cr signals applied to pins (19), (18) and (17) of IC801 (MAIN VIDEO CHROMA) respectively?
NO
Check lines and devices between pins (46), (50), (48) of IC1401 and pins (19), (18), (17) of IC801.
YES
Are the MAIN-Y/Cb/Cr signals sent from pins (21), (22) and (23) of IC801 respectively?
NO
Check IC801 (MAIN VIDEO CHROMA) and its peripheral circuits.
YES
Are the MAIN-Y/Cb/Cr signals applied to pins (69), (68) and (67) of IC803 respectively?
NO
Check lines and devices between IC801 and IC803. (IC814, Q814-5, etc.)
YES
Are the MAIN-R/G/B signals sent from pins (35), (37) and (39) of IC803 respectively?
NO
Check IC803 (RGB DECODER) and its peripheral circuits.
YES
Are the MAIN-R/G/B signals applied to pins (3), (7) and (10) of FL810 (6.7/30 MHz L.P.F.) respectively?
NO
Check lines and devices between IC803 and FL810. (Q801-3 etc.)
YES
Are the MAIN-R/G/B signals sent from pins (19), (15) and (12) of FL810 respectively?
NO
The cutoff frequency of FL810 (L.P.F.) is switched as follows depending on the input signals:
Status of pin (17) for setting the cutoff frequency of FL810 (6.7/30 MHz L.P.F.)
<525i system>: High
<525P/1125i/750P system>: Low
YES
Check FL810 (6.7/30 MHz L.P.F.) and its peripheral circuits.
YES <PASS 525P/1125i/750P system>
Are Y/Cb/Cr signals applied to pins (5), (4) and (3) of IC803 (RGB DECODER) respectively?
NO
Check lines and devices between pins (34), (38), (36) of IC1401 and pins (5), (4), (3) of IC803.
YES
Are Y/Cb/Cr signals applied to pins (19), (18) and (17) of IC802 (SUB VIDEO CHROMA) respectively?
NO
Check lines and devices between pins (40), (44), (42) of IC 1401 and pins (19), (18), (17) of IC802.
YES
Are the SUB-Y/Cb/Cr signals sent from pins (21), (22) and (23) of IC802 respectively?
NO
Check IC802 (SUB VIDEO CHROMA) and its peripheral circuits.
YES
Are the SUB-Y/Cb/Cr signals applied to Q901-2, Q903-4 and Q905-6 (6.7 MHz L.P.F.) respectively?
NO
Check lines and devices between IC802 and Q901-2/Q903-4/Q905-6 (6.7 MHz L.P.F.).
YES
Are the SUB-R/G/B signals sent from Q901-2, Q903-4 and Q905-6 (6.7 MHz L.P.F.) respectively?
NO
Check peripherals of Q901-2/Q903-4/Q905-6 (6.7 MHz L.P.F.).
YES
Check the PC I/F unit.

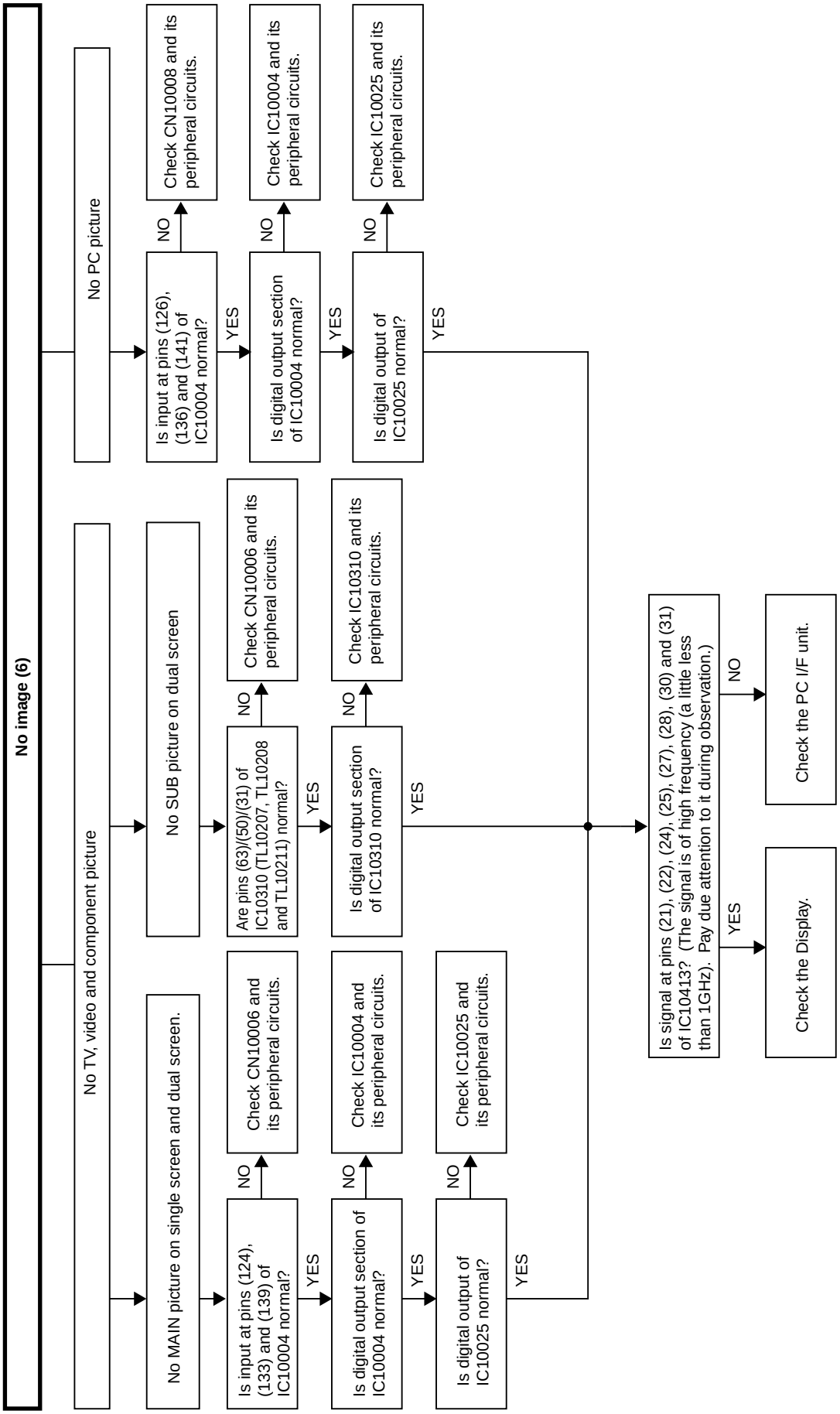
•AVC System


No image (4)
No image when TV signal is received
YES
Is the video signal on tuner image output pin (19) of tuner (TU1101/1102)?
NO
Check peripherals of the tuner (TU1101/1102) and replace if necessary.
YES
Are the tuner video signal inputs of IC1103 (AV switch) in order?
Pin (63) of IC1301 (MAIN TUNER IN)
Pin (60) of IC1301 (SUB TUNER IN)
NO
Is the level control signal sent from pin (1), (12) of IC1105 to pin (6), (2) of IC1104 (LEVEL ADJ)?
YES
Are the MAIN/SUB video signal sent from pin (30) of IC1301 and pin (44) of IC1301 respectively?
NO
Check IC1301 (AV switch) and its peripheral circuits.
YES
Is the video signal applied to pin (7) of IC401 (MAIN COMB FILTER) and pin (7) of IC402 (SUB COMB FILTER)?
NO
Check lines and devices between IC1301 and IC401/402.
<MAIN system>
YES
<SUB system>
YES
Are the MAIN-Y/C signals applied to pin (1) (TP812) and pin (48) of IC801 (MAIN VIDEO CHROMA) respectively?
NO
Check lines and devices between IC4001 and IC801. (IC403, Q415, etc.)
YES
Are the SUB-Y/C signals applied to pin (1) (TP813) and pin (48) (TP407) of IC802 (SUB VIDEO CHROMA) respectively?
NO
Check lines and devices between IC402 and IC802. (IC404, Q416-8, etc.)
YES
Are the MAIN-Y/Cb/Cr signals sent from pins (21), (22) and (23) of IC801 respectively?
NO
Check IC801 (MAIN VIDEO CHROMA) and its peripheral circuits.
YES
Are the SUB-Y/Cb/Cr signals sent from pins (21), (22)and (23) of IC802 respectively?
NO
Check IC802 (SUB VIDEO CHROMA) and its peripheral circuits.
YES
Are the MAIN-Y/Cb/Cr signals applied to pins (69), (68) and (67) of IC803 (RGB DECODER) respectively?
NO
Check lines and devices between IC801 and IC803. (IC814, Q814, Q815, etc.)
YES
Are the SUB-Y/Cb/Cr signals applied to Q901-2, Q903-4 and Q905-6 (6.7 MHz L.P.F.) respectively?
NO
Check lines and devices between IC802 and Q901-2/Q903-4/Q905-6 (6.7 MHz L.P.F.).
YES
Are the MAIN-R/G/B signals sent from pins (35), (37) and (39) of IC803 respectively?
NO
Check IC803 (RGB DECODER) and its peripheral circuits.
YES
Are the SUB-R/G/B signals sent from Q901-2, Q903-4 and Q905-6 (6.7 MHz L.P.F.) respectively?
NO
Check Q901-2, Q903-4 and Q905-6 (6.7 MHz L.P.F.) and their peripheral circuits.
YES
Are the MAIN-R/G/B signals applied to pins (3), (7) and (10) of FL810 (6.7/30 MHz L.P.F.) respectively?
NO
Check lines and devices between IC803 and FL810.(Q801-3 etc.)
YES
Are the MAIN-R/G/B signals sent from pins (19), (15) and (12) of FL810 respectively?
NO
Is cutoff frequency setting pin (17) of FL810 (6.7/30 MHz L.P.F.) pulled high?
YES
Check the PC I/F unit.
YES
Check FL810 (6.7/30 MHz L.P.F.) and its peripheral circuits.
Check the PC I/F unit.

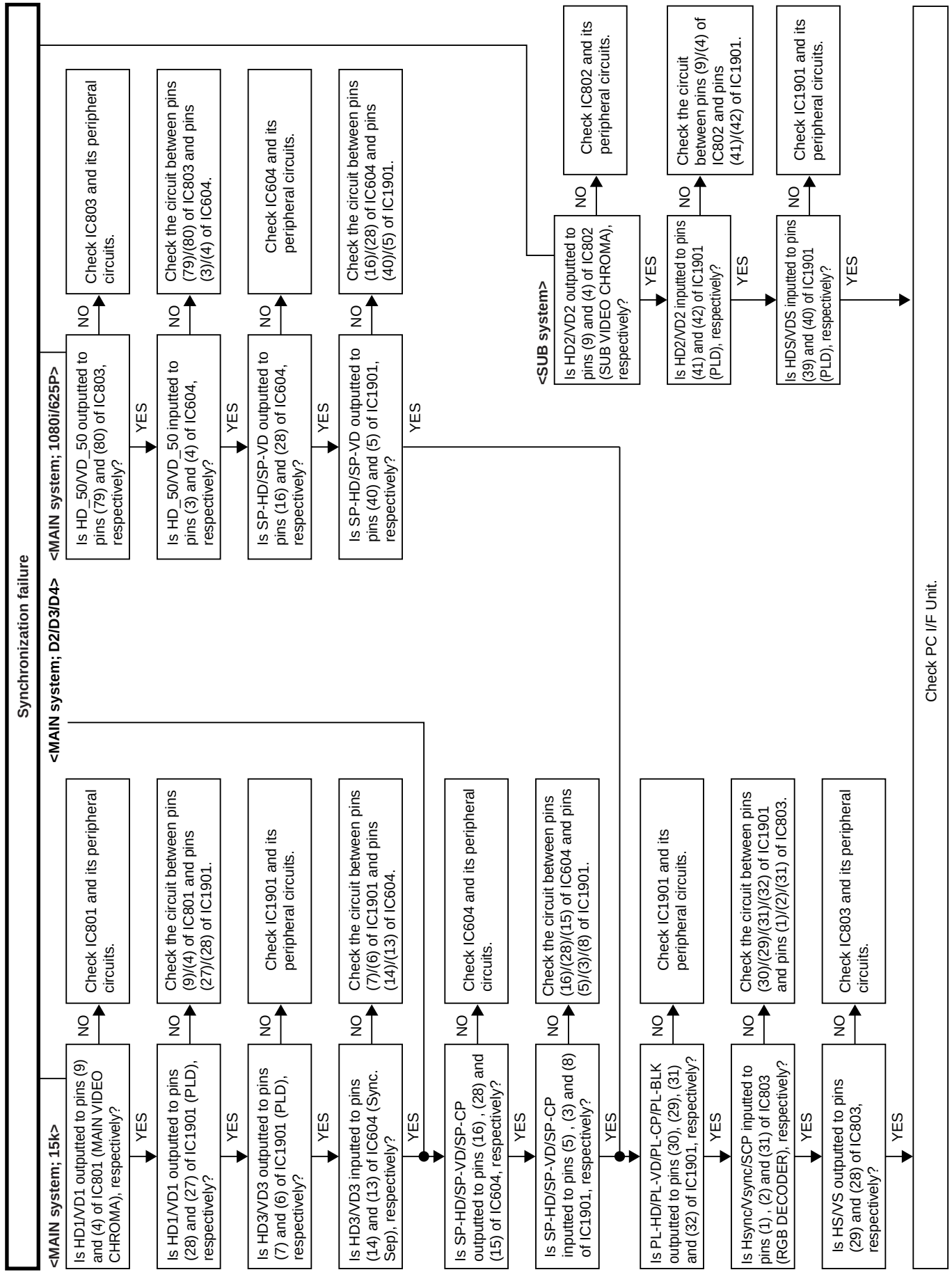
•AVC System


No image (5)
No Monitor image <VIDEO>
YES
Is the video signal sent from pin (41) of IC1301 (AV switch)?
NO
Check IC1301 and its peripheral circuits.
YES
Check lines and devices between pin (41) of IC1301 and monitor image output pin (20) of J1104. (Q1403)
No monitor image <S-VIDEO>
YES
Are Y and C signals sent from pins (39) and (37) of IC1301 (AV switch) respectively?
NO
Check that input signal is S-VIDEO.
YES
Check lines and devices between pins (39), (37) of IC1301 and monitor S-VIDEO pins (3), (4) of SC1102. (Q1401-2)
NO
Check IC1301 and its peripheral circuits

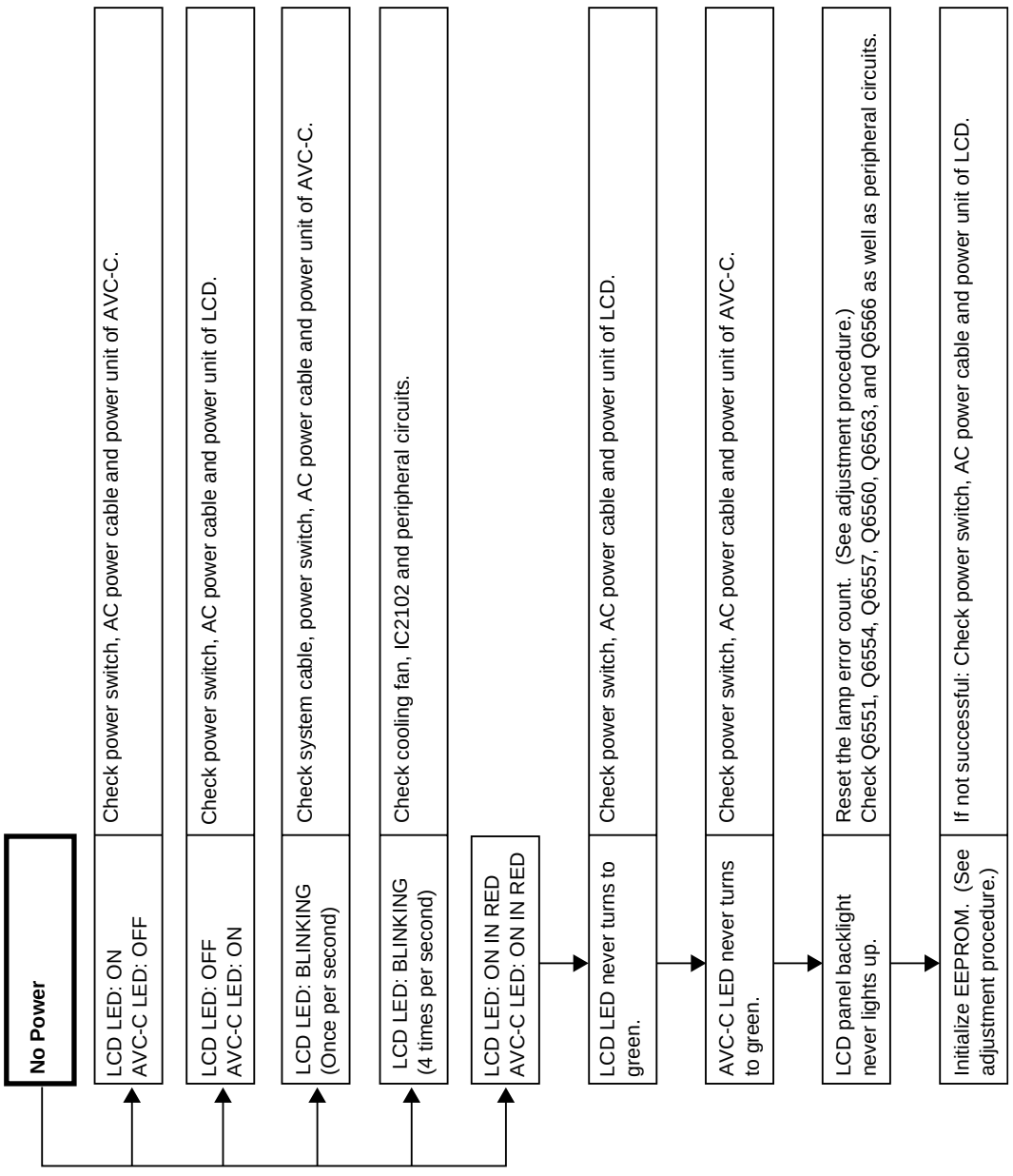
•**AVC System (PC I/F unit)**


No image (6)
No TV, video and component picture
No MAIN picture on single screen and dual screen.
Is input at pins (124), (133) and (139) of IC10004 normal?
NO
Check CN10006 and its peripheral circuits.
YES
Is digital output section of IC10004 normal?
NO
Check IC10004 and its peripheral circuits.
YES
Is digital output of IC10025 normal?
NO
Check IC10025 and its peripheral circuits.
YES
No SUB picture on dual screen
Are pins (63)/(50)/(31) of IC10310 (TL10207, TL10208 and TL10211) normal?
NO
Check CN10006 and its peripheral circuits.
YES
Is digital output section of IC10310 normal?
NO
Check IC10310 and its peripheral circuits.
YES
No PC picture
Is input at pins (126), (136) and (141) of IC10004 normal?
NO
Check CN10008 and its peripheral circuits.
YES
Is digital output section of IC10004 normal?
NO
Check IC10004 and its peripheral circuits.
YES
Is digital output of IC10025 normal?
NO
Check IC10025 and its peripheral circuits.
YES
Is signal at pins (21), (22), (24), (25), (27), (28), (30) and (31) of IC10413? (The signal is of high frequency (a little less than 1GHz). Pay due attention to it during observation.)
NO
Check the PC I/F unit.
YES
Check the Display.

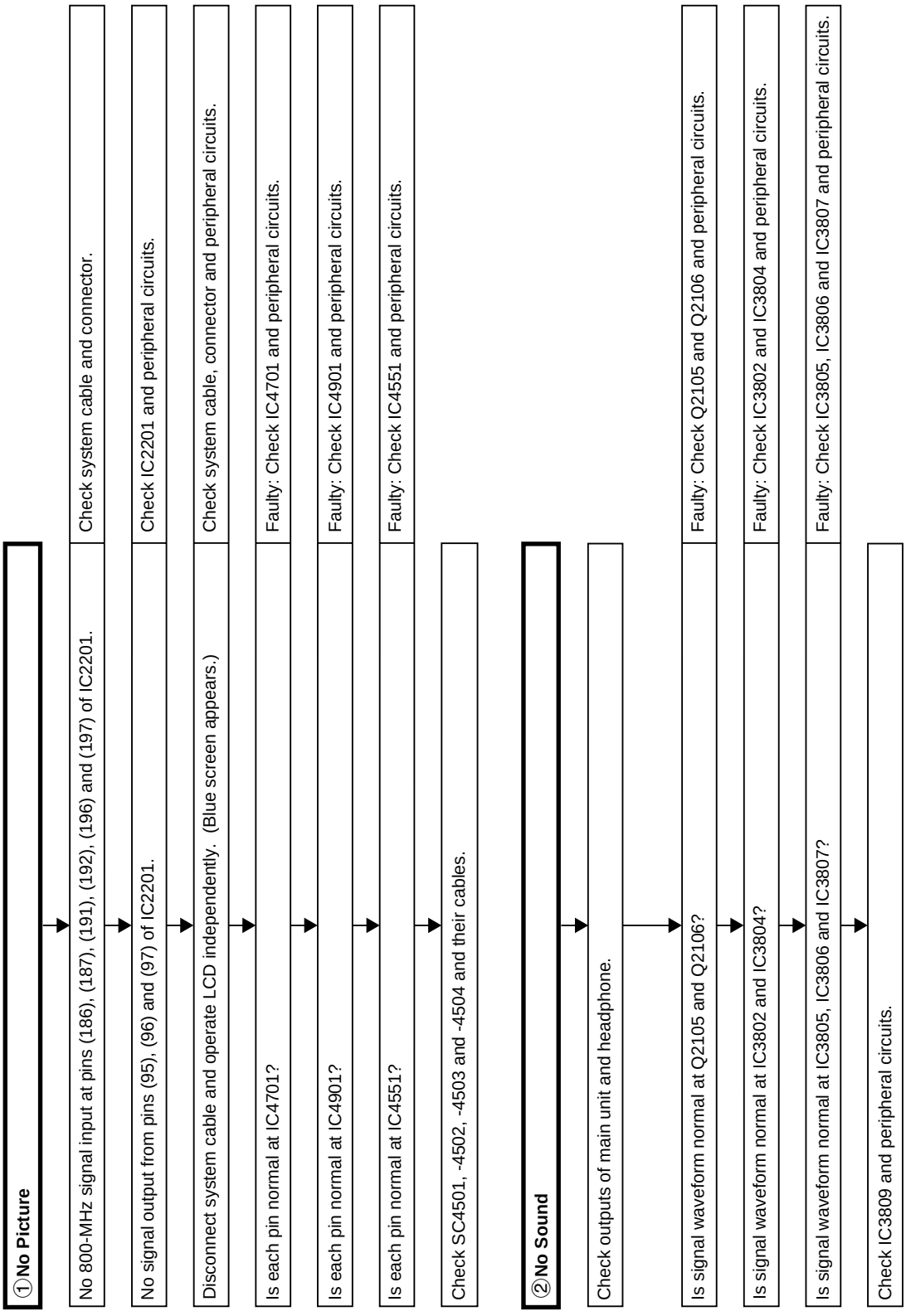
•**AVC System**


Synchronization failure
<MAIN system; 15k>
Is HD1/VD1 outputted to pins (9) and (4) of IC801 (MAIN VIDEO CHROMA), respectively?
NO
Check IC801 and its peripheral circuits.
YES
Is HD1/VD1 outputted to pins (28) and (27) of IC1901 (PLD), respectively?
NO
Check the circuit between pins (9)/(4) of IC801 and pins (27)/(28) of IC1901.
YES
Is HD3/VD3 outputted to pins (7) and (6) of IC1901 (PLD), respectively?
NO
Check IC1901 and its peripheral circuits.
YES
Is HD3/VD3 inputted to pins (14) and (13) of IC604 (Sync. Sep), respectively?
NO
Check the circuit between pins (7)/(6) of IC1901 and pins (14)/(13) of IC604.
YES
Is SP-HD/SP-VD/SP-CP outputted to pins (16) , (28) and (15) of IC604, respectively?
NO
Check IC604 and its peripheral circuits.
YES
Is SP-HD/SP-VD/SP-CP inputted to pins (5) , (3) and (8) of IC1901, respectively?
NO
Check the circuit between pins (16)/(28)/(15) of IC604 and pins (5)/(3)/(8) of IC1901.
YES
Is PL-HD/PL-VD/PL-CP/PL-BLK outputted to pins (30), (29), (31) and (32) of IC1901, respectively?
NO
Check IC1901 and its peripheral circuits.
YES
Is Hsync/Vsync/SCP inputted to pins (1) , (2) and (31) of IC803 (RGB DECODER), respectively?
NO
Check the circuit between pins (30)/(29)/(31)/(32) of IC1901 and pins (1)/(2)/(31) of IC803.
YES
Is HS/VS outputted to pins (29) and (28) of IC803, respectively?
NO
Check IC803 and its peripheral circuits.
YES
Check PC I/F Unit.
<MAIN system; D2/D3/D4>
<MAIN system; 1080i/625P>
Is HD_50/VD_50 outputted to pins (79) and (80) of IC803, respectively?
NO
Check IC803 and its peripheral circuits.
YES
Is HD_50/VD_50 inputted to pins (3) and (4) of IC604, respectively?
NO
Check the circuit between pins (79)/(80) of IC803 and pins (3)/(4) of IC604.
YES
Is SP-HD/SP-VD outputted to pins (16) and (28) of IC604, respectively?
NO
Check IC604 and its peripheral circuits.
YES
Is SP-HD/SP-VD outputted to pins (40) and (5) of IC1901, respectively?
NO
Check the circuit between pins (16)/(28) of IC604 and pins (40)/(5) of IC1901.
YES
<SUB system>
Is HD2/VD2 outputted to pins (9) and (4) of IC802 (SUB VIDEO CHROMA), respectively?
NO
Check IC802 and its peripheral circuits.
YES
Is HD2/VD2 inputted to pins (41) and (42) of IC1901 (PLD), respectively?
NO
Check the circuit between pins (9)/(4) of IC802 and pins (41)/(42) of IC1901.
YES
Is HDS/VDS inputted to pins (39) and (40) of IC1901 (PLD), respectively?
NO
Check IC1901 and its peripheral circuits.
YES

TROUBLE SHOOTING TABLE
(Display)

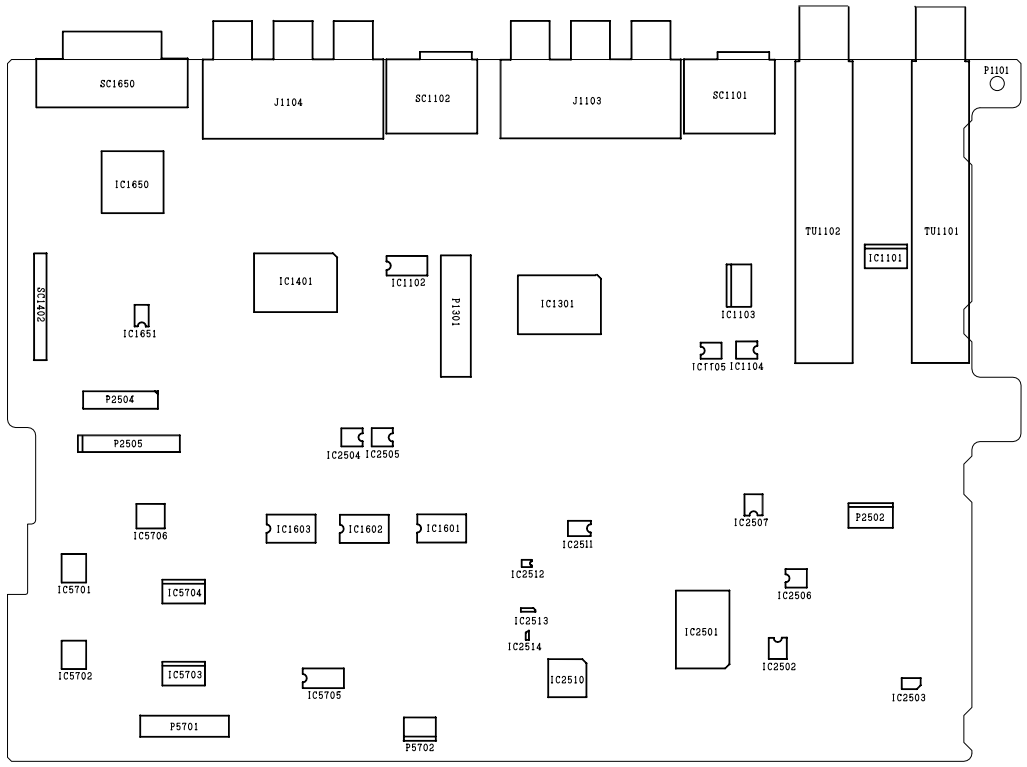

No Power
LCD LED: ON
AVC-C LED: OFF
Check power switch, AC power cable and power unit of AVC-C.
LCD LED: OFF
AVC-C LED: ON
Check power switch, AC power cable and power unit of LCD.
LCD LED: BLINKING
(Once per second)
Check system cable, power switch, AC power cable and power unit of AVC-C.
LCD LED: BLINKING
(4 times per second)
Check cooling fan, IC2102 and peripheral circuits.
LCD LED: ON IN RED
AVC-C LED: ON IN RED
LCD LED never turns to green.
Check power switch, AC power cable and power unit of LCD.
AVC-C LED never turns to green.
Check power switch, AC power cable and power unit of AVC-C.
LCD panel backlight never lights up.
Reset the lamp error count. (See adjustment procedure.)
Check Q6551, Q6554, Q6557, Q6560, Q6563, and Q6566 as well as peripheral circuits.
Initialize EEPROM. (See adjustment procedure.)
If not successful: Check power switch, AC power cable and power unit of LCD.

TROUBLE SHOOTING TABLE (Continued)
(Display)

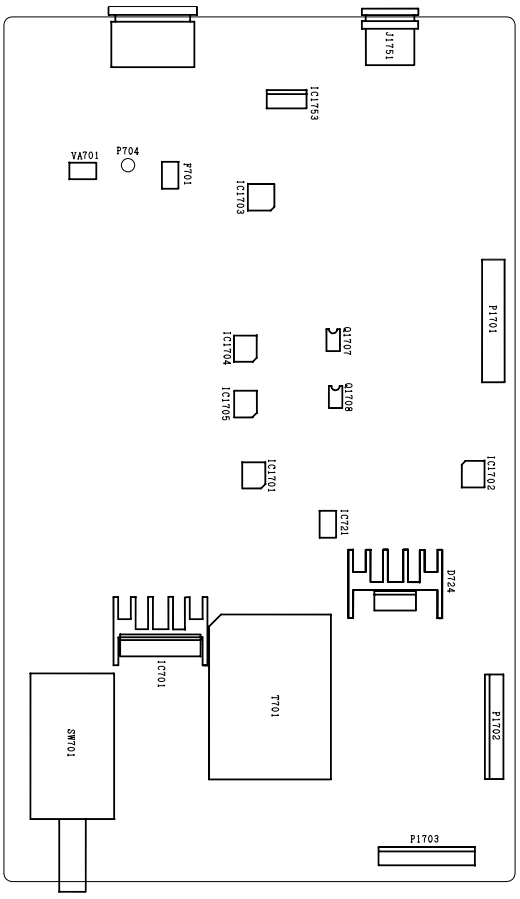

①No Picture
No 800-MHz signal input at pins (186), (187), (191), (192), (196) and (197) of IC2201.
Check system cable and connector.
No signal output from pins (95), (96) and (97) of IC2201.
Check IC2201 and peripheral circuits.
Disconnect system cable and operate LCD independently. (Blue screen appears.)
Check system cable, connector and peripheral circuits.
Is each pin normal at IC4701?
Faulty: Check IC4701 and peripheral circuits.
Is each pin normal at IC4901?
Faulty: Check IC4901 and peripheral circuits.
Is each pin normal at IC4551?
Faulty: Check IC4551 and peripheral circuits.
Check SC4501, -4502, -4503 and -4504 and their cables.
②No Sound
Check outputs of main unit and headphone.
Is signal waveform normal at Q2105 and Q2106?
Faulty: Check Q2105 and Q2106 and peripheral circuits.
Is signal waveform normal at IC3802 and IC3804?
Faulty: Check IC3802 and IC3804 and peripheral circuits.
Is signal waveform normal at IC3805, IC3806 and IC3807?
Faulty: Check IC3805, IC3806 and IC3807 and peripheral circuits.
Check IC3809 and peripheral circuits.

CHASSIS LAYOUT (AVC System)

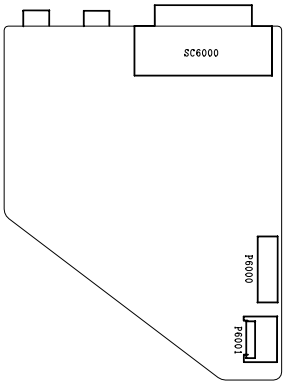
AV PWB



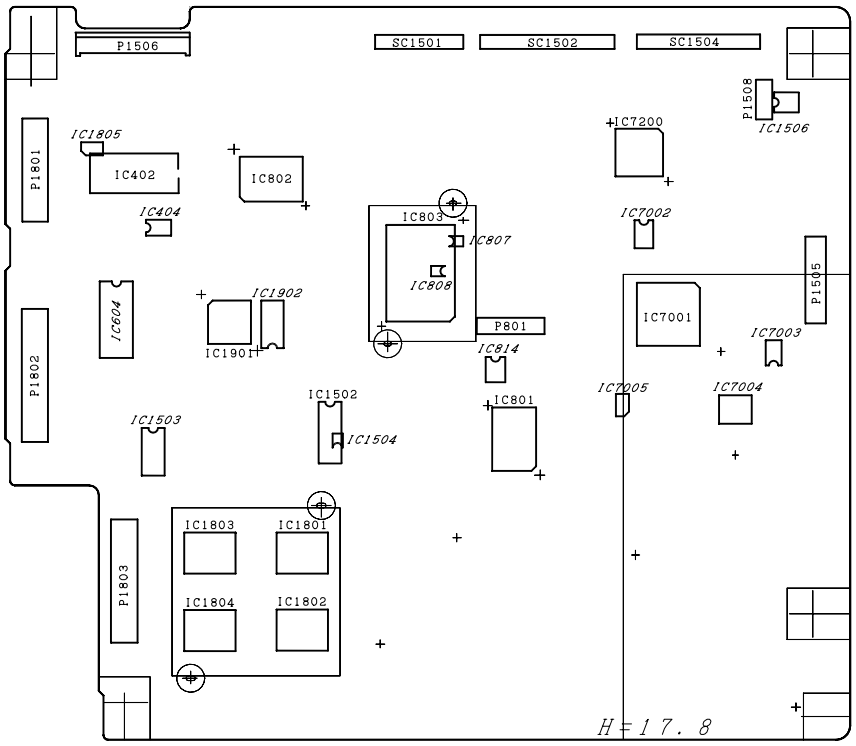
POWER PWB



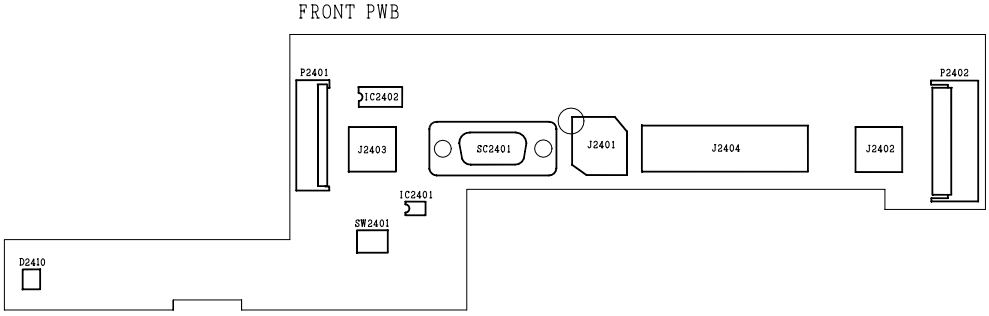
SR PWB



MAIN PWB

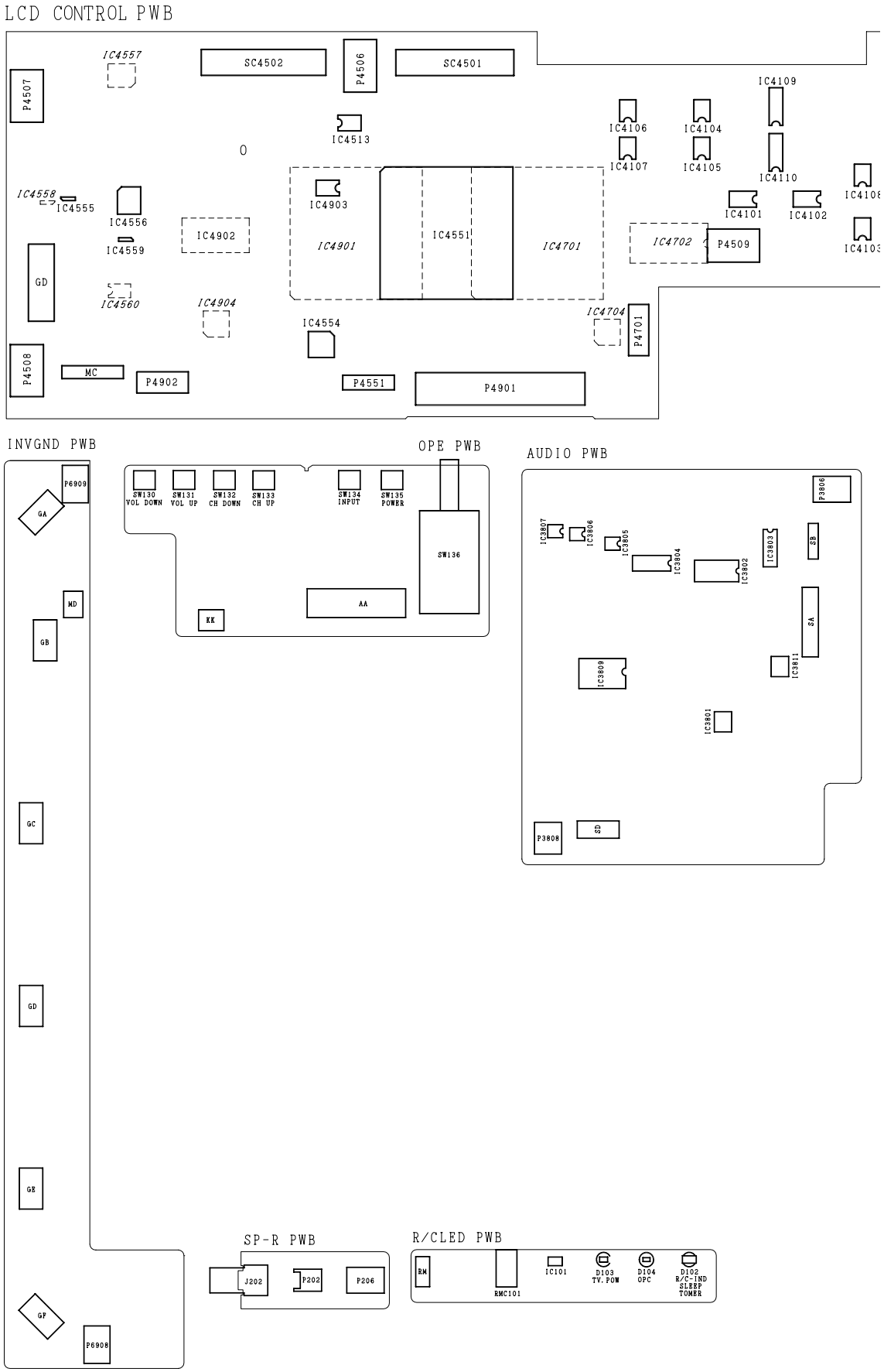


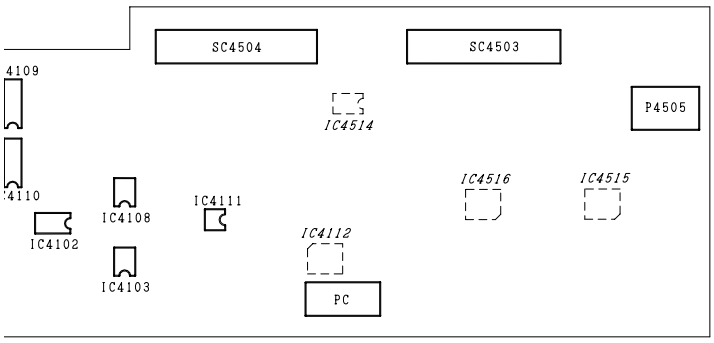
FRONT PWB



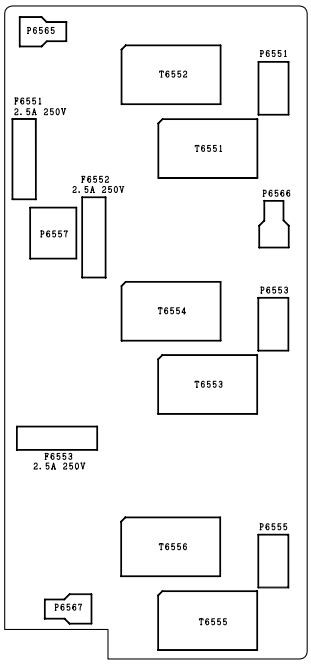
10	11	12	13	14	15	16	17	18	19

CHASSIS LAYOUT (Display)

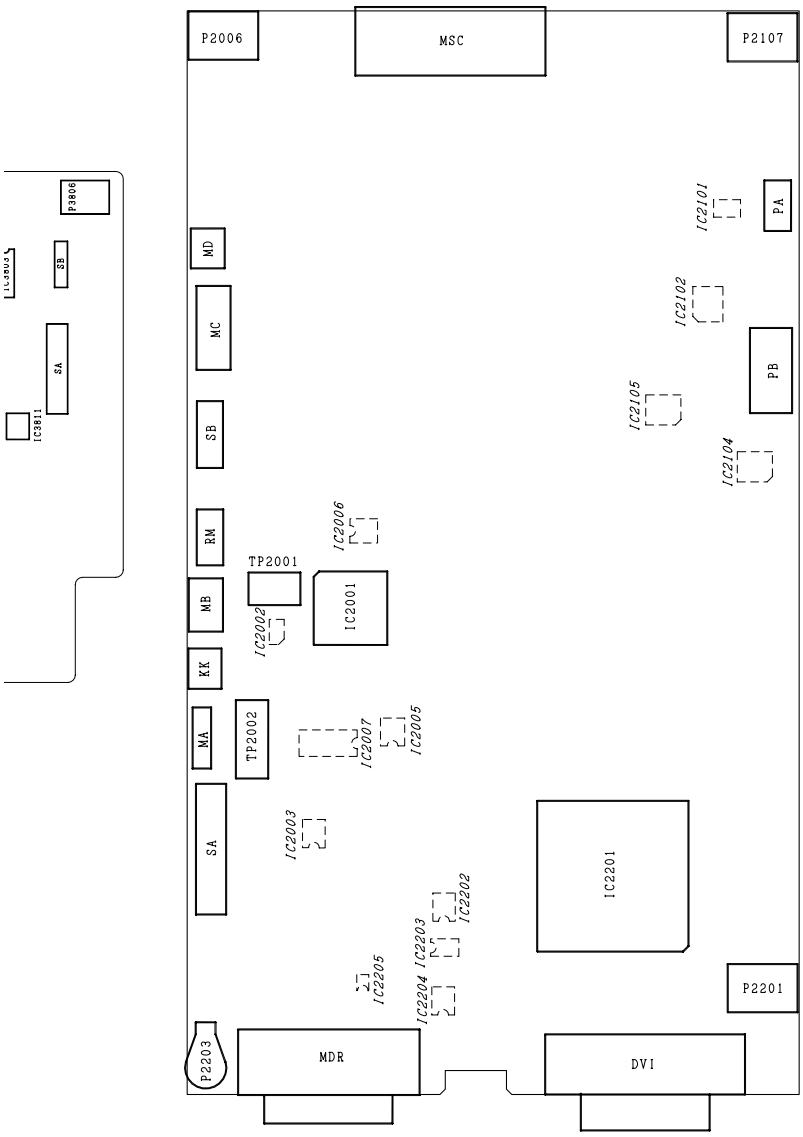




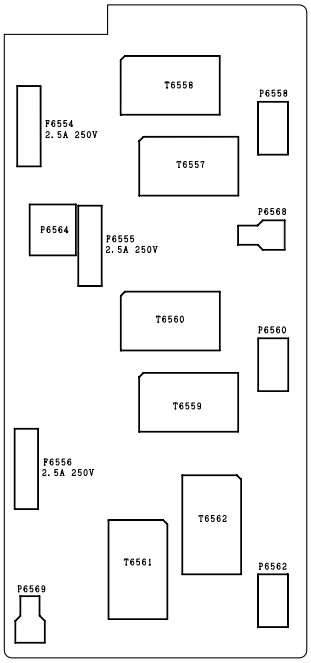
INV1 PWB



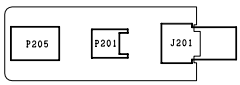
MAIN PWB



INV2 PWB

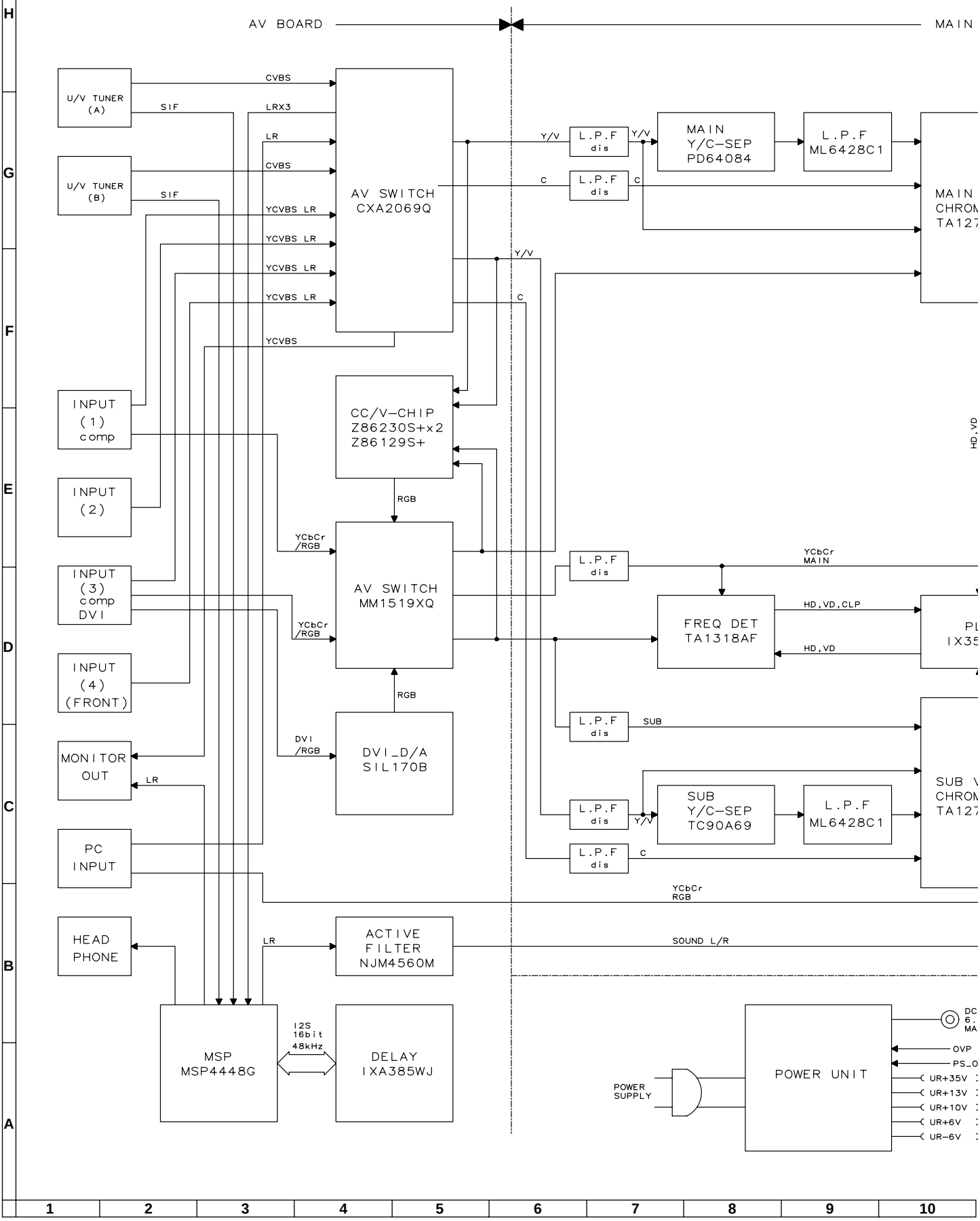


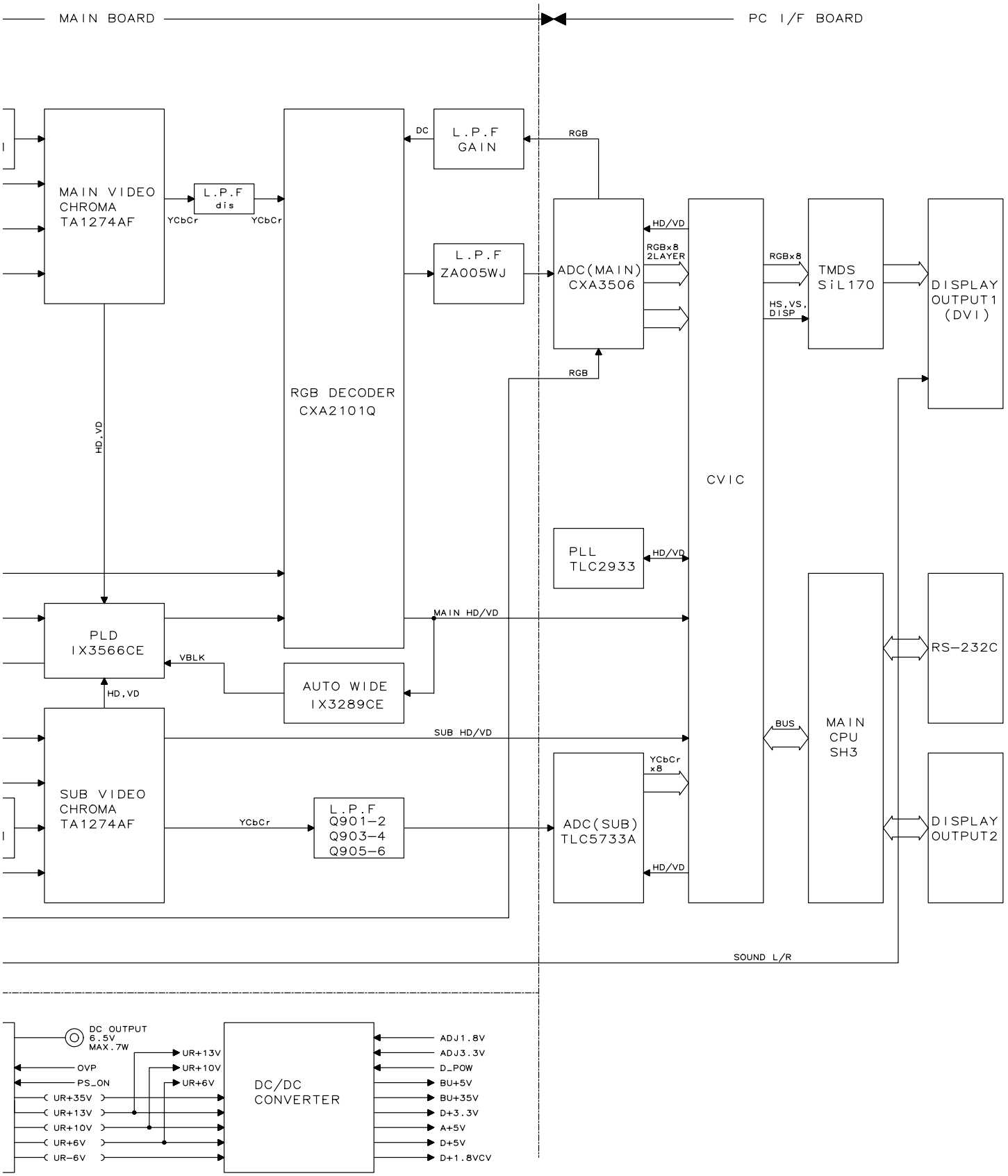
SP-L PWB



10	11	12	13	14	15	16	17	18	19

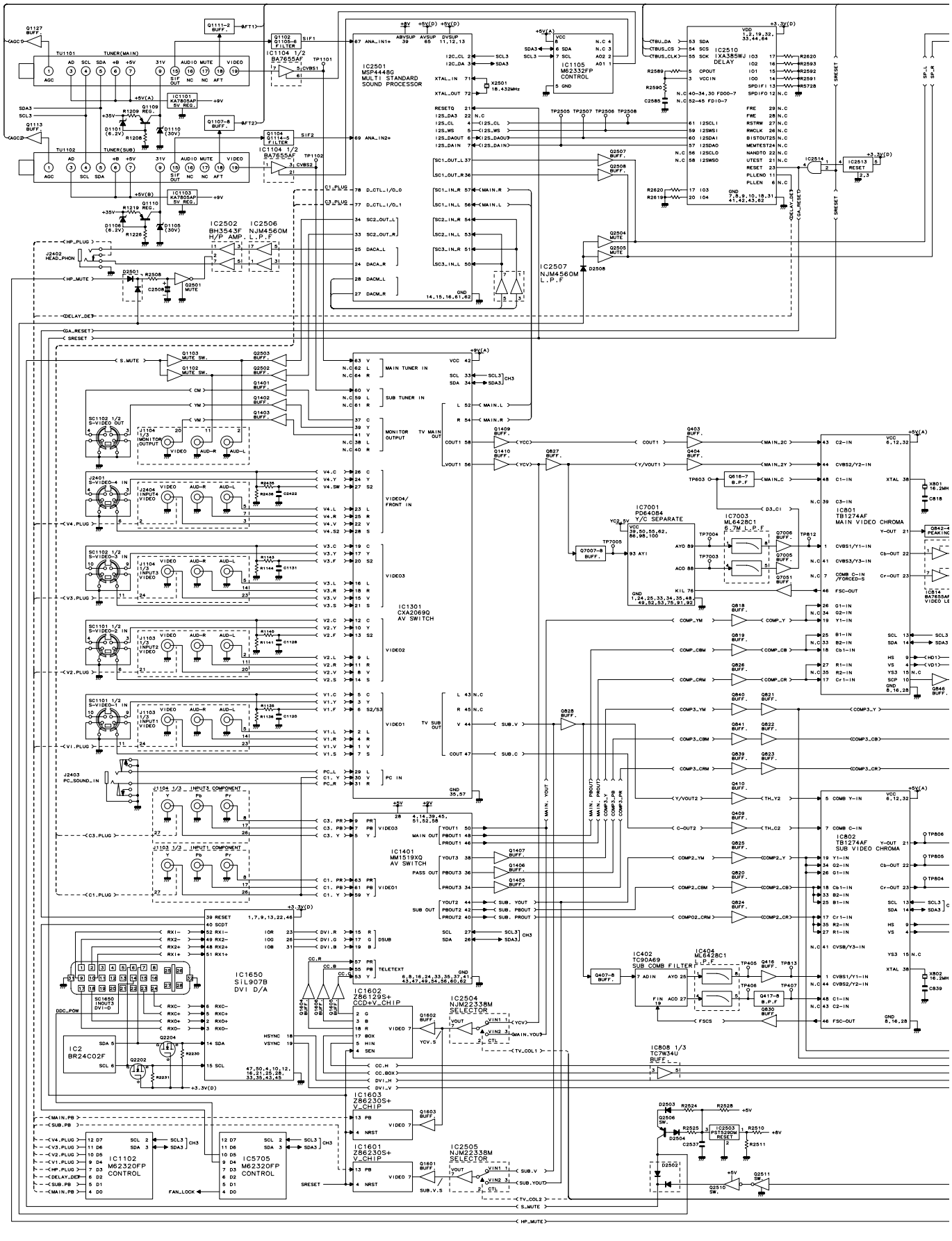
SYSTEM BLOCK DIAGRAM (AVC System)

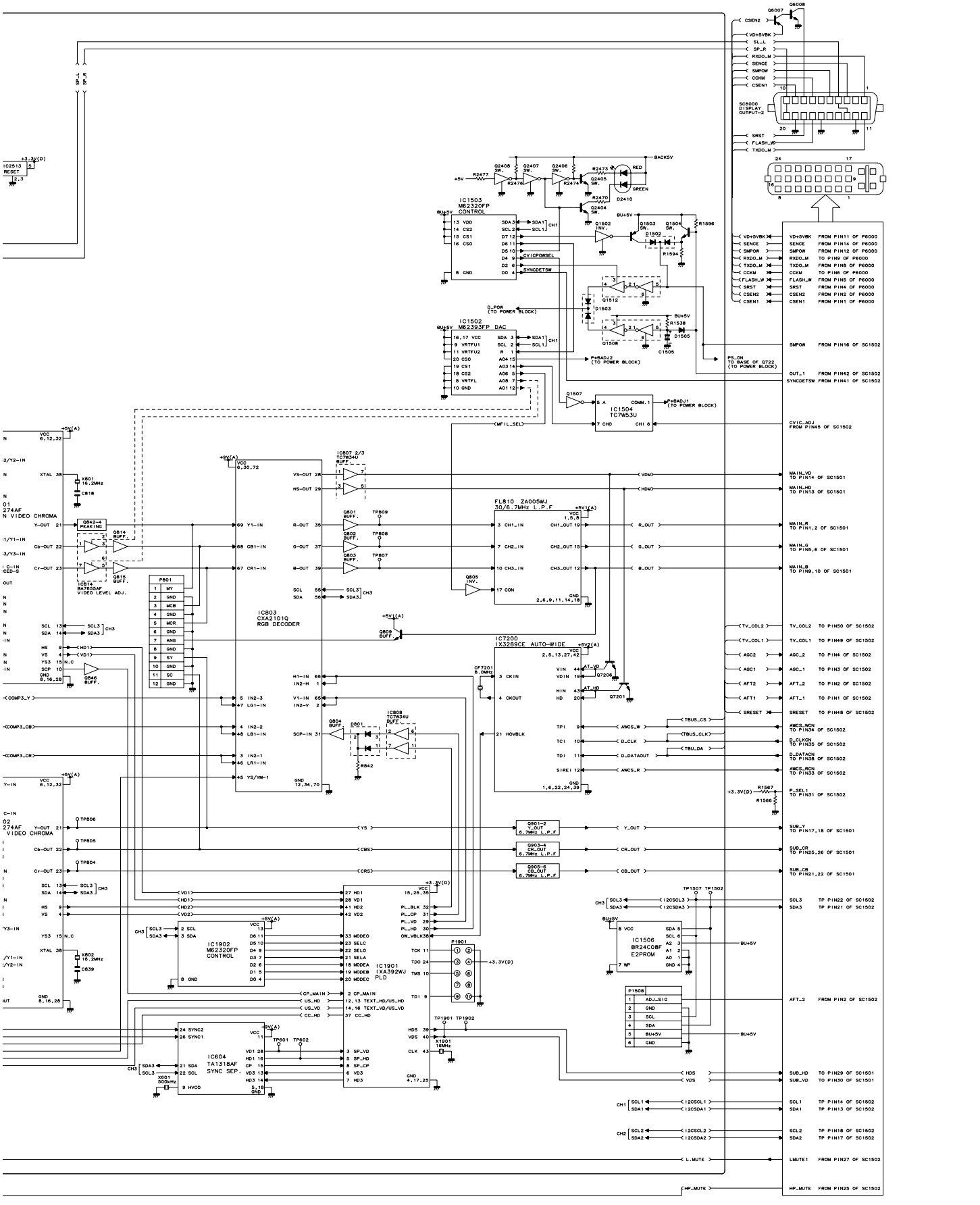




10	11	12	13	14	15	16	17	18	19

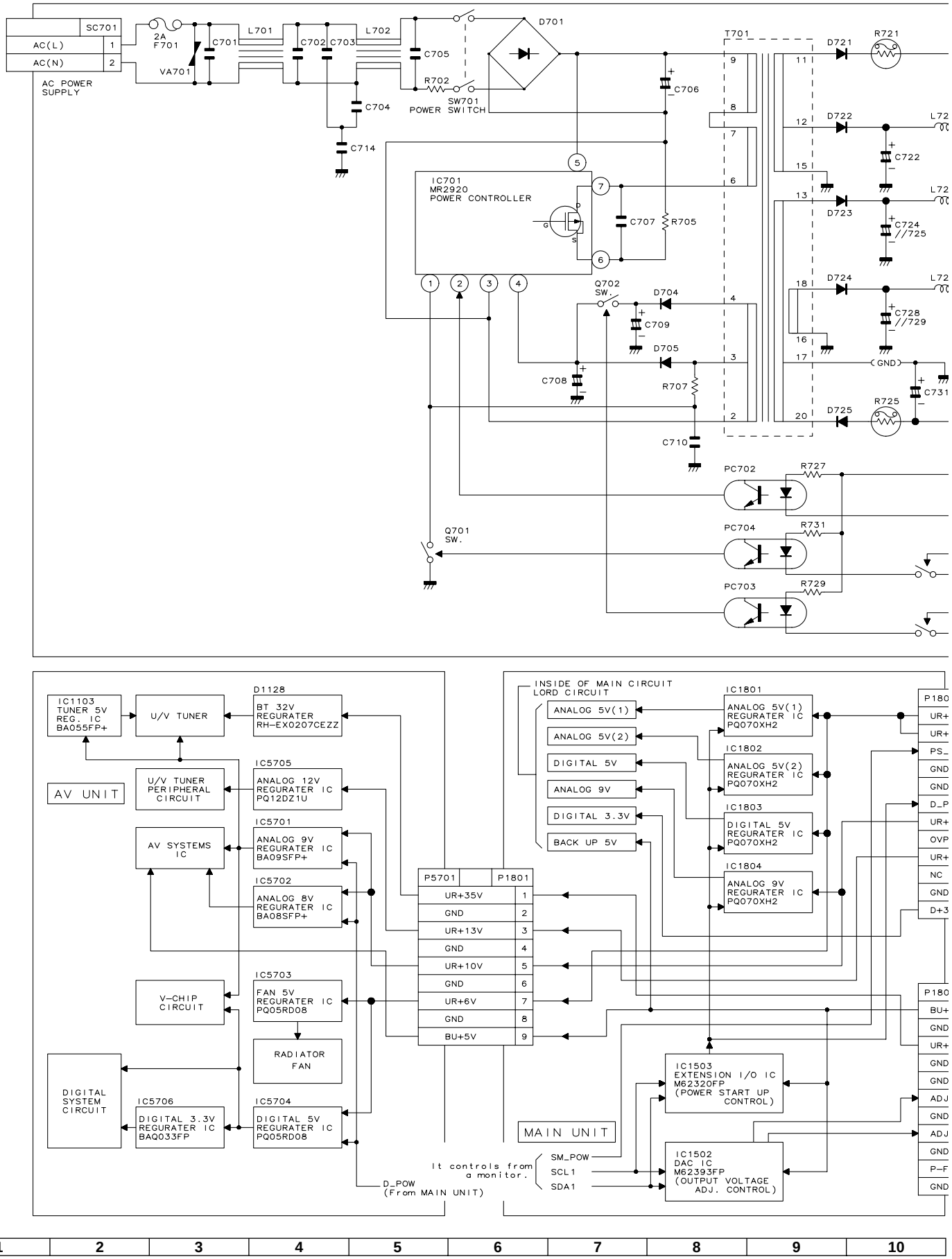
SIGNAL FLOW BLOCK DIAGRAM (AVC System)

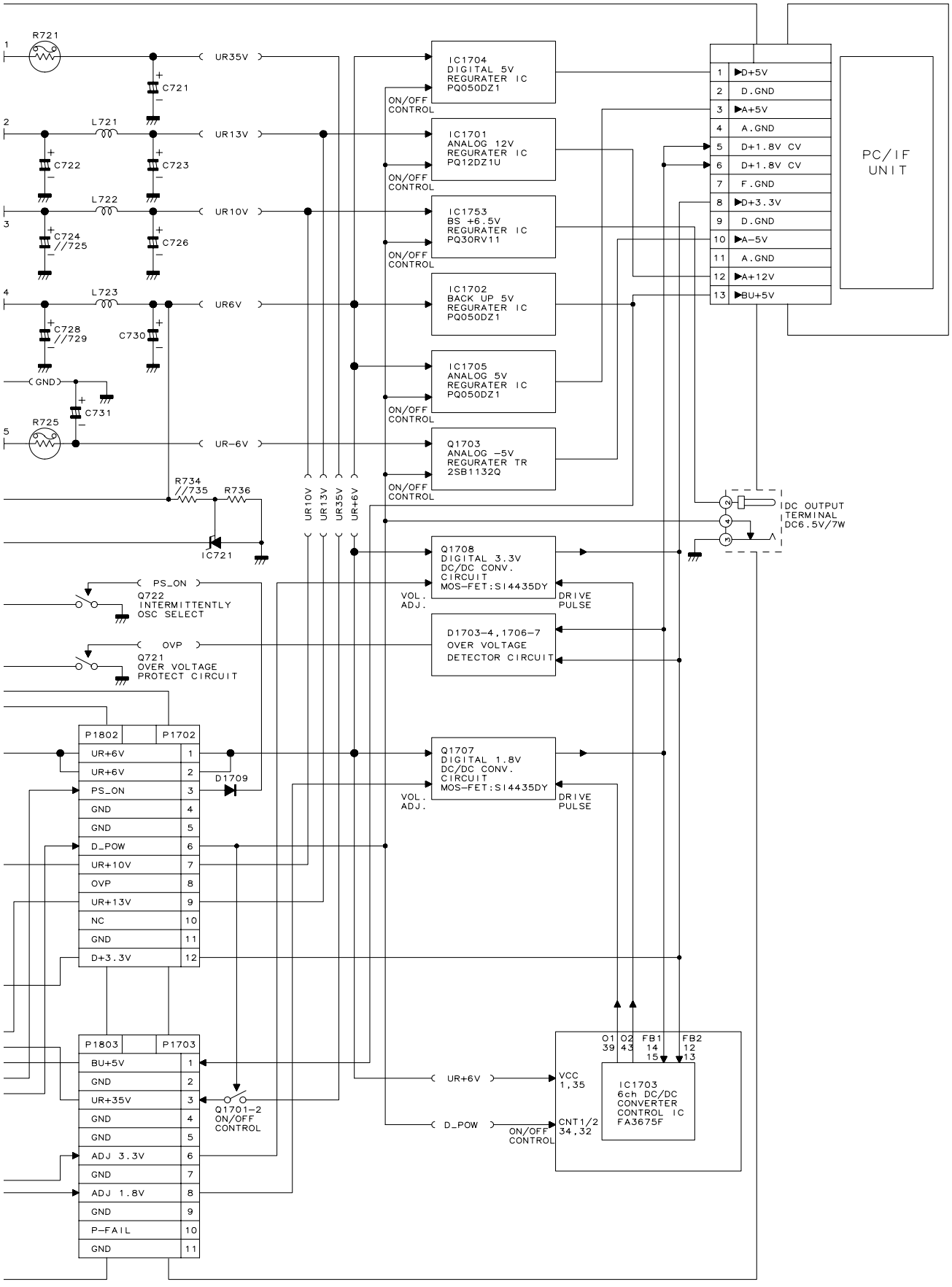




10	11	12	13	14	15	16	17	18	19

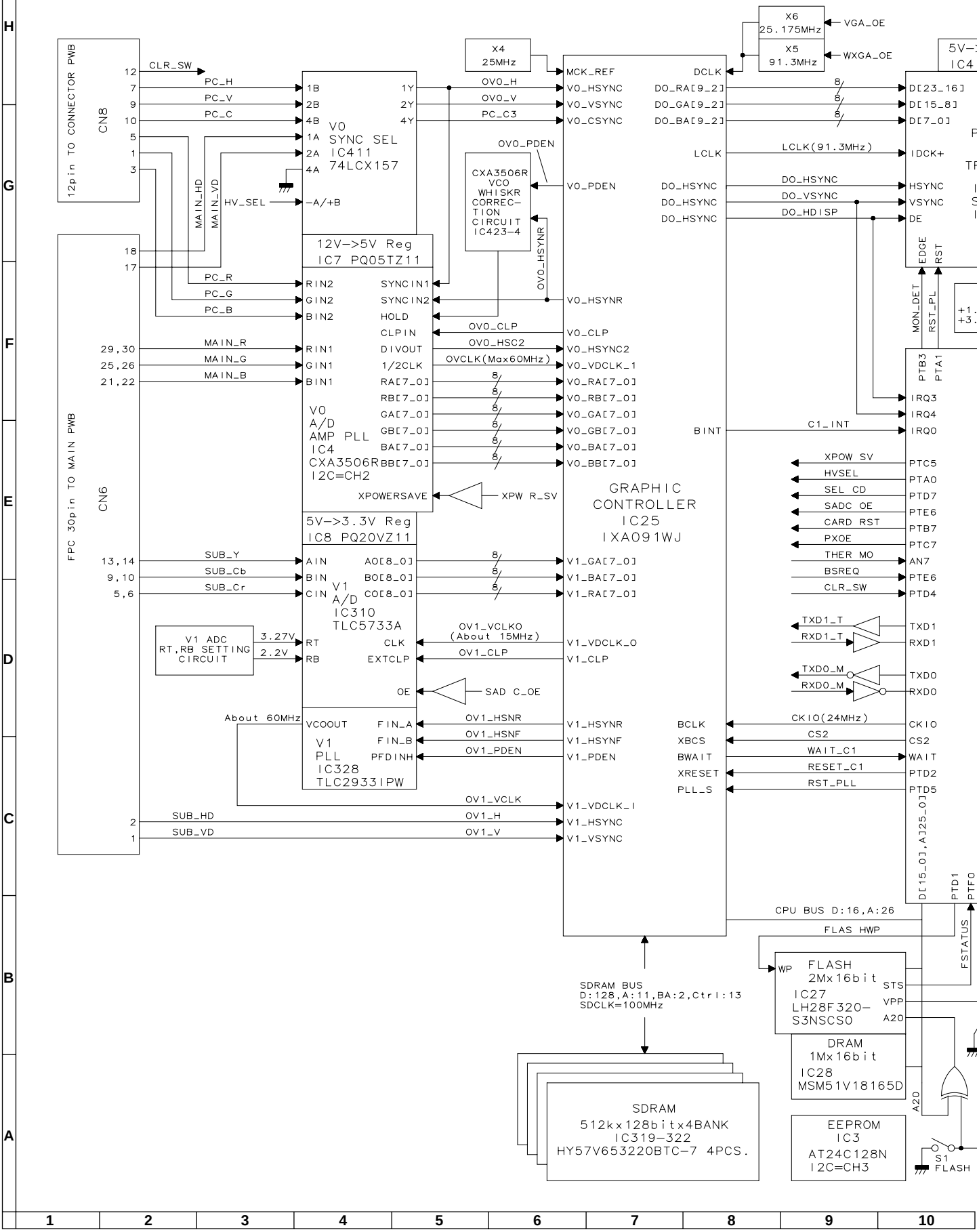
POWER SYSTEM BLOCK DIAGRAM (AVC System)

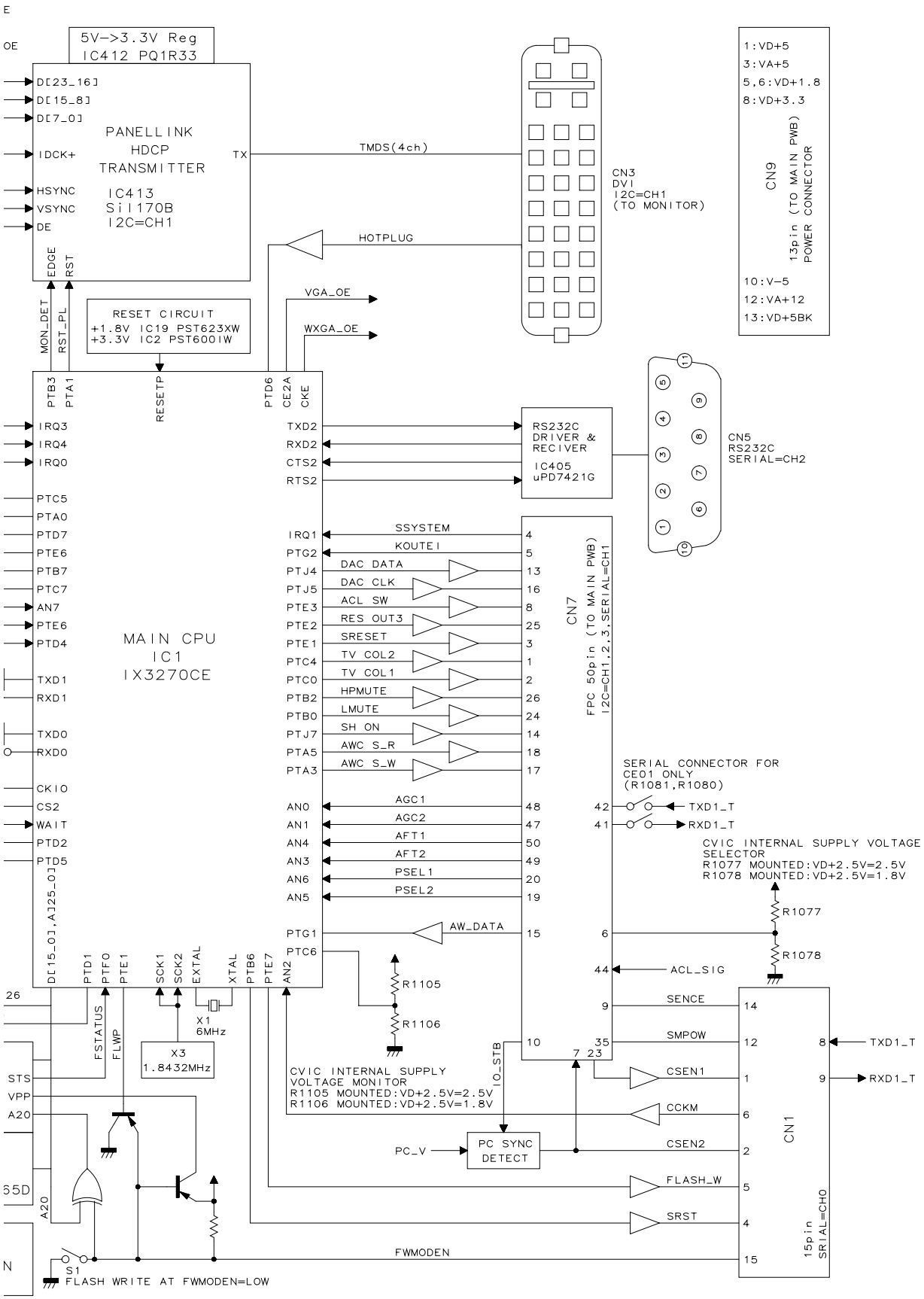




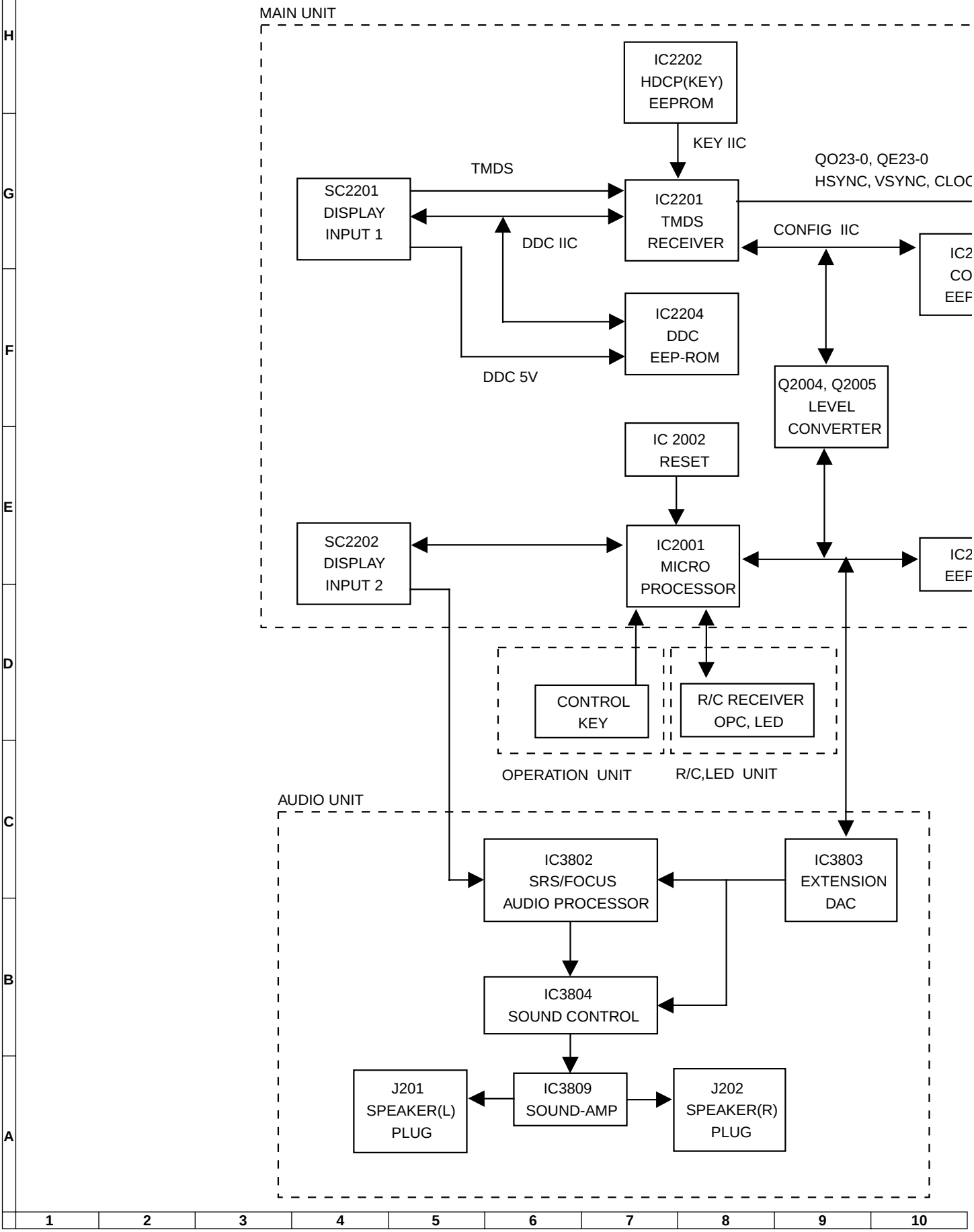
10	11	12	13	14	15	16	17	18	19

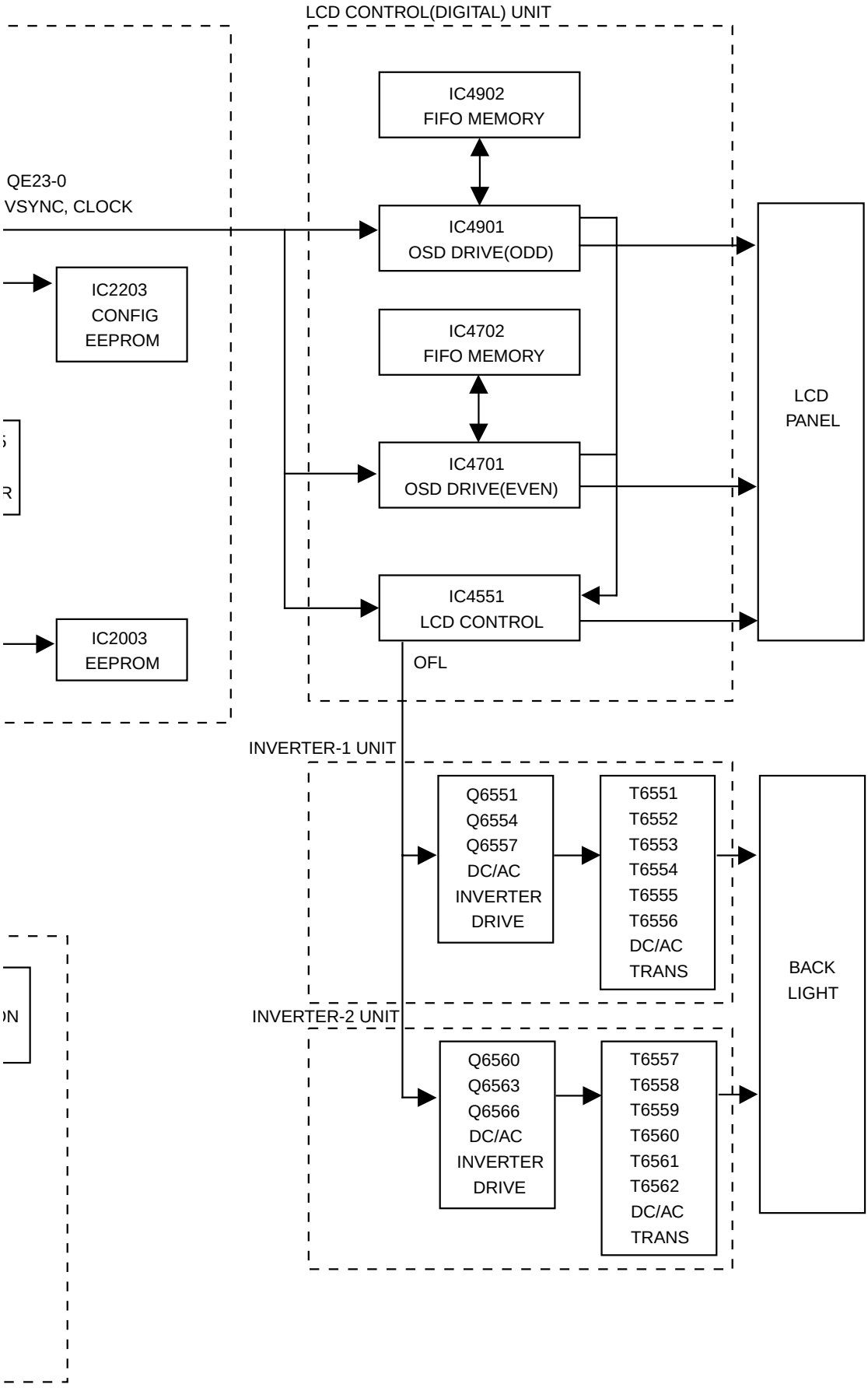
PC I/F UNIT BLOCK DIAGRAM (AVC System)




5V->3.3V Reg
IC412 PQ1R33
PANELLINK
HDCP
TRANSMITTER
IC413
Si1170B
I2C=CH1
TMDS(4ch)
HOTPLUG
CN3
DVI
I2C=CH1
(TO MONITOR)
CN9
13pin (TO MAIN PWB)
POWER CONNECTOR
1:VD+5
3:VA+5
5,6:VD+1.8
8:VD+3.3
10:V-5
12:VA+12
13:VD+5BK
RESET CIRCUIT
+1.8V IC19 PST623XW
+3.3V IC2 PST6001W
VGA_OE
WXGA_OE
RS232C
DRIVER &
RECIVER
IC405
uPD7421G
CN5
RS232C
SERIAL=CH2
MAIN CPU
IC1
IX3270CE
CN7
FPC 50pin (TO MAIN PWB)
I2C=CH1,2,3,SERIAL=CH1
SSYSTEM
KOUTEI
DAC DATA
DAC CLK
ACL SW
RES OUT3
SRESET
TV COL2
TV COL1
HPMUTE
LMUTE
SH ON
AWC S_R
AWC S_W
AGC1
AGC2
AFT1
AFT2
PSEL1
PSEL2
AW_DATA
SERIAL CONNECTOR FOR
CE01 ONLY
(R1081,R1080)
TXD1_T
RXD1_T
CVIC INTERNAL SUPPLY VOLTAGE
SELECTOR
R1077 MOUNTED:VD+2.5V=2.5V
R1078 MOUNTED:VD+2.5V=1.8V
R1077
R1078
ACL_SIG
SENCE
SMPOW
CSEN1
CCKM
CSEN2
FLASH_W
SRST
FWMODEN
R1105
R1106
CVIC INTERNAL SUPPLY
VOLTAGE MONITOR
R1105 MOUNTED:VD+2.5V=2.5V
R1106 MOUNTED:VD+2.5V=1.8V
IO_STB
PC_V
PC SYNC
DETECT
X1
6MHz
X3
1.8432MHz
S1
FLASH WRITE AT FWMODEN=LOW
CN1
15pin
SRIAL=CH0

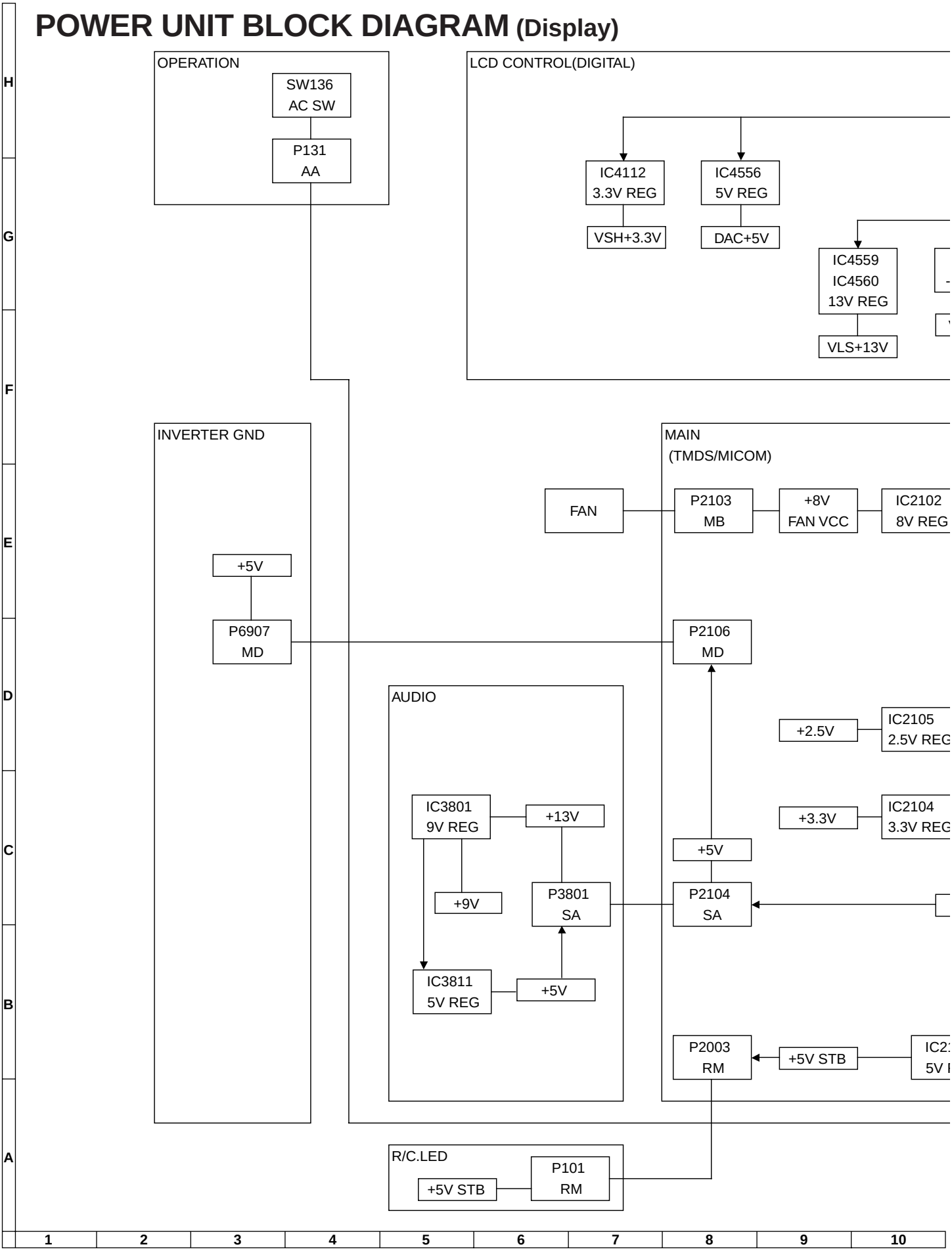
SIGNAL BLOCK DIAGRAM (Display)

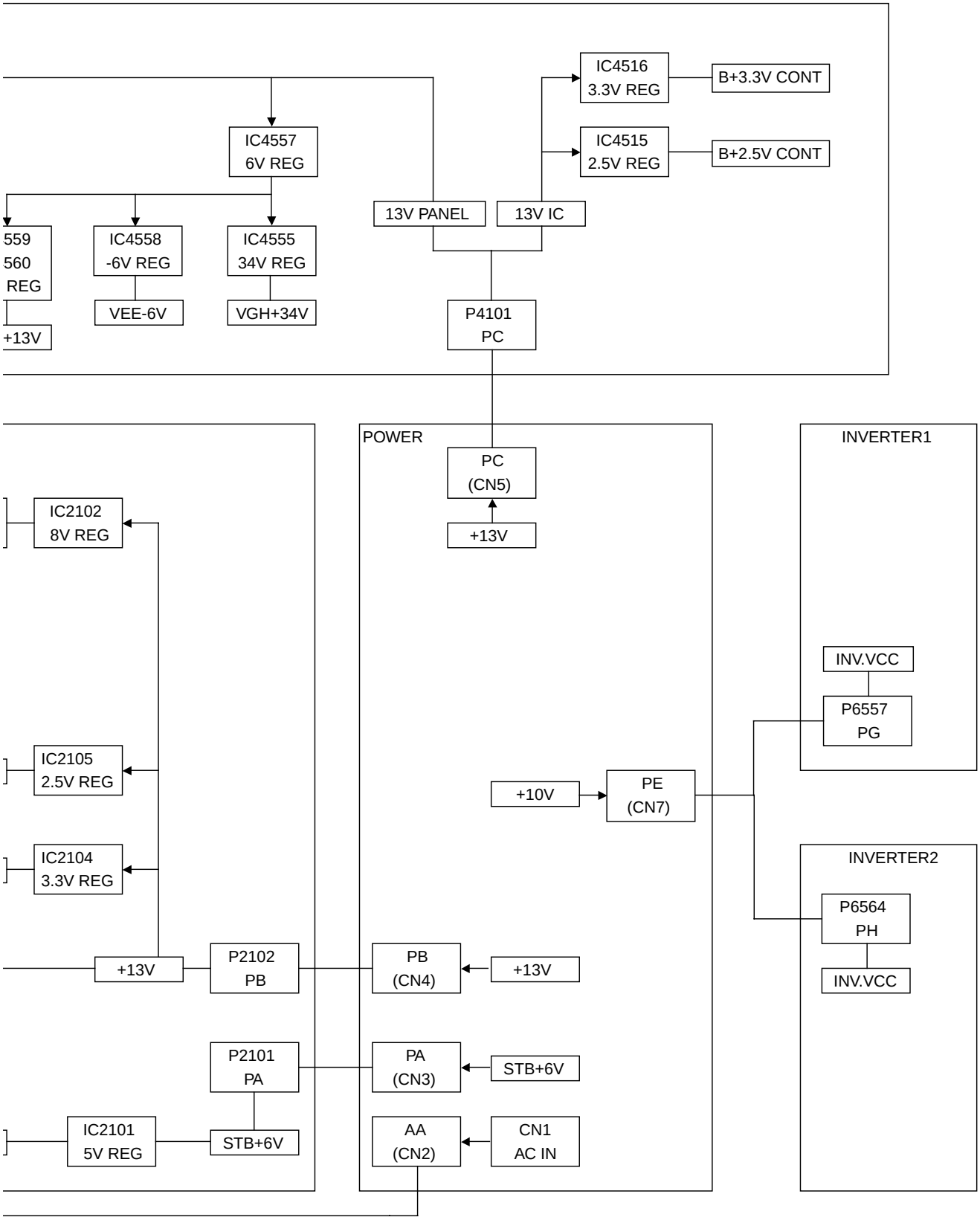




10	11	12	13	14	15	16	17	18	19

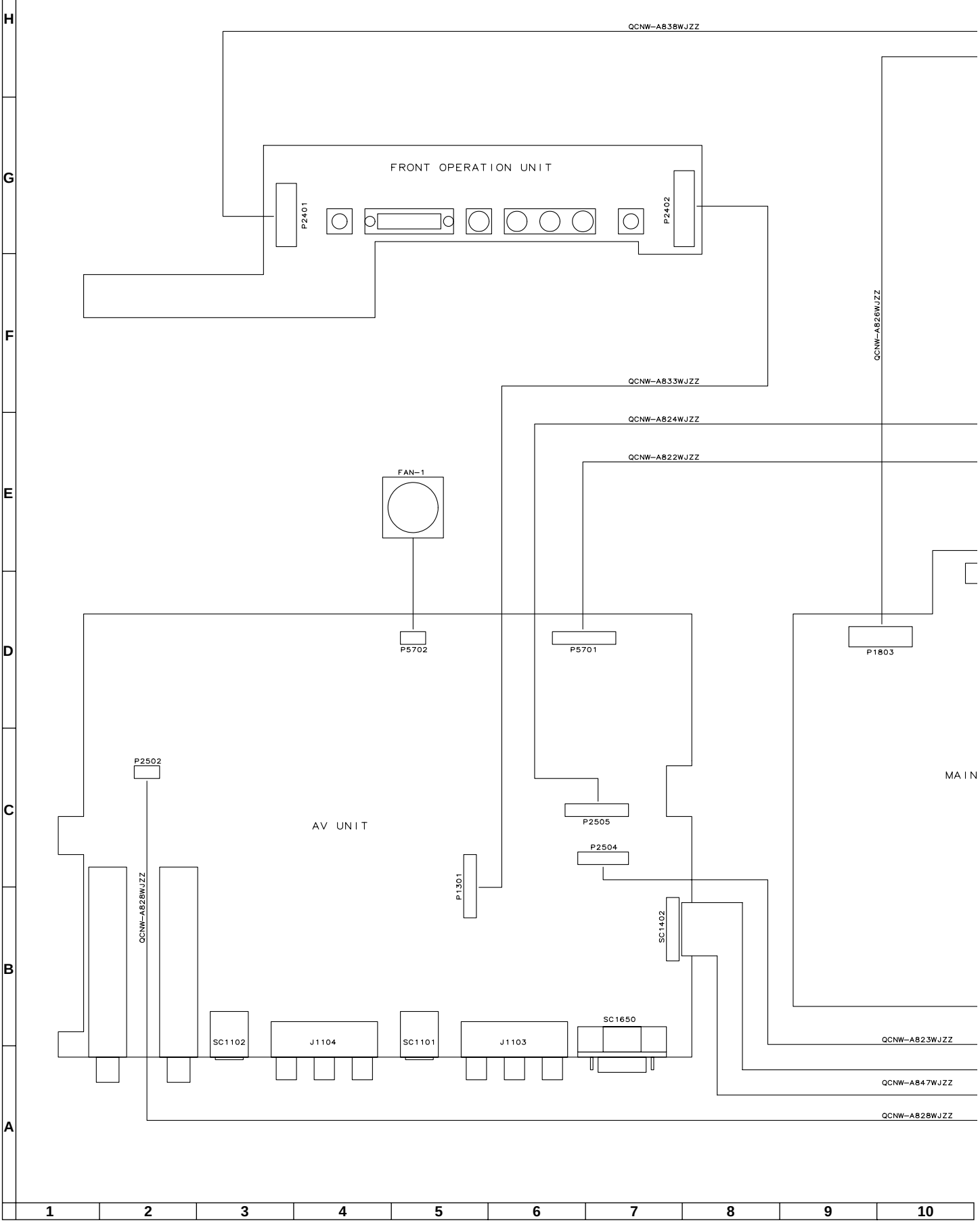
POWER UNIT BLOCK DIAGRAM (Display)

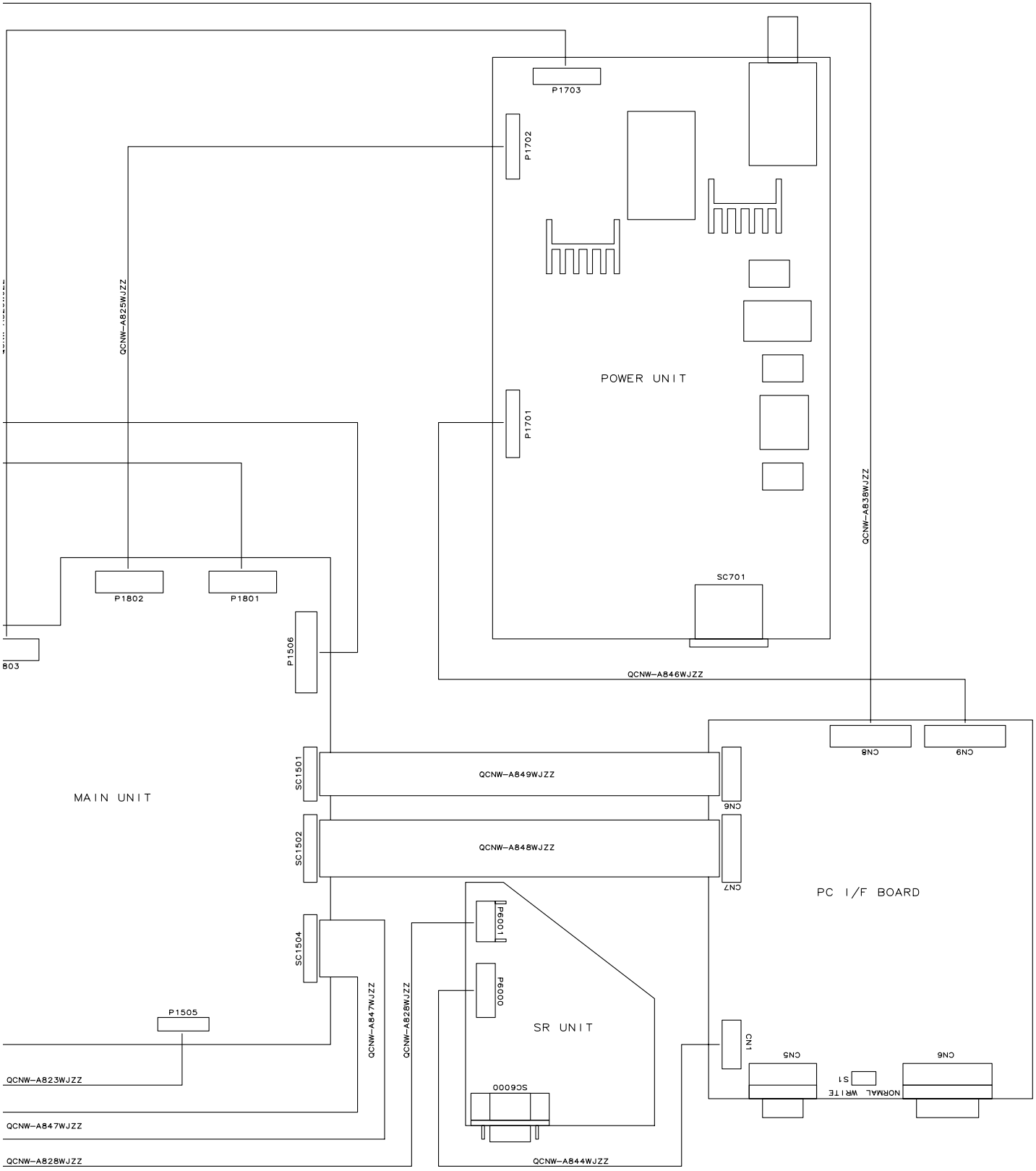




10	11	12	13	14	15	16	17	18	19

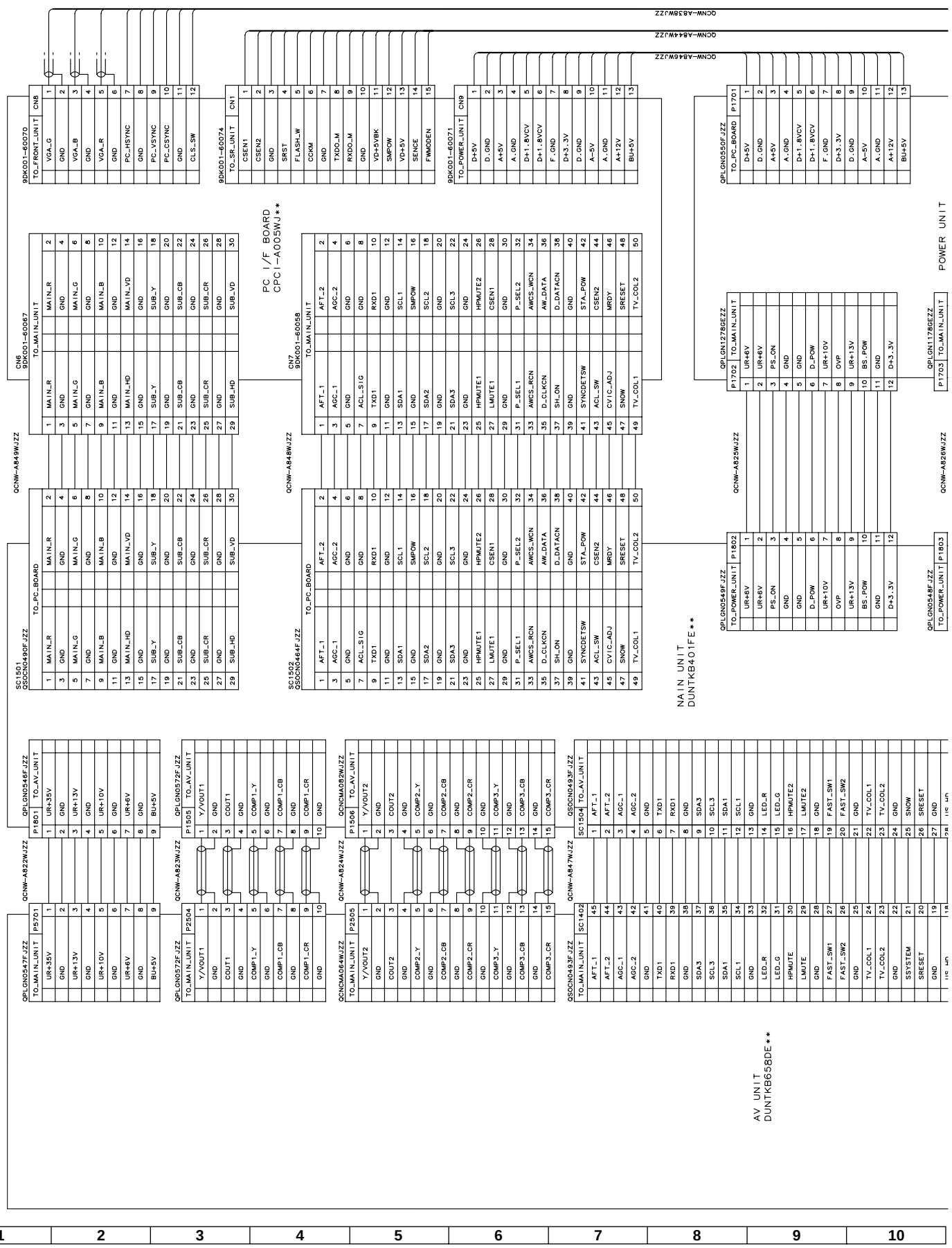
OVERALL WIRING DIAGRAM-1/2 (AVC system)

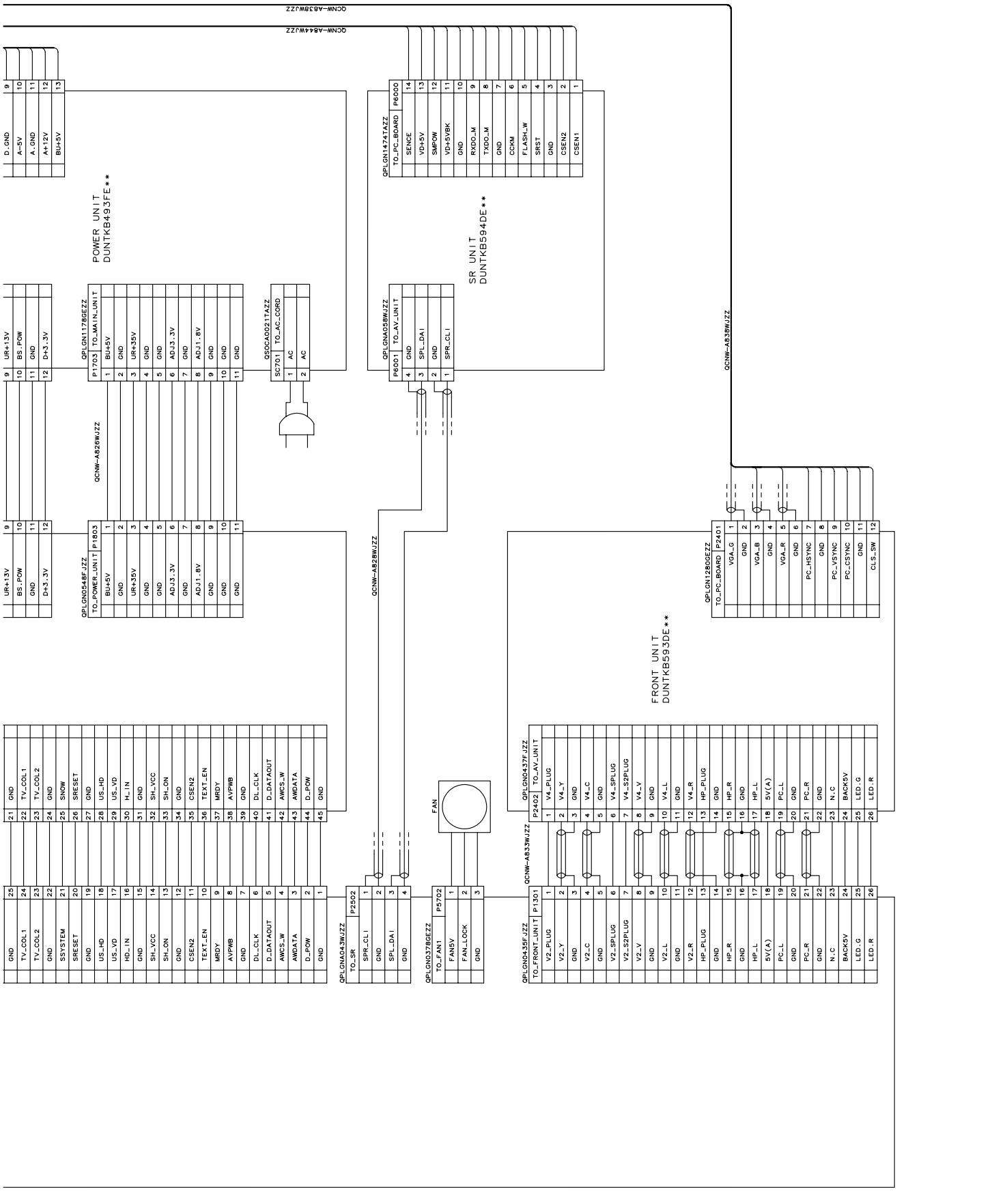




10	11	12	13	14	15	16	17	18	19

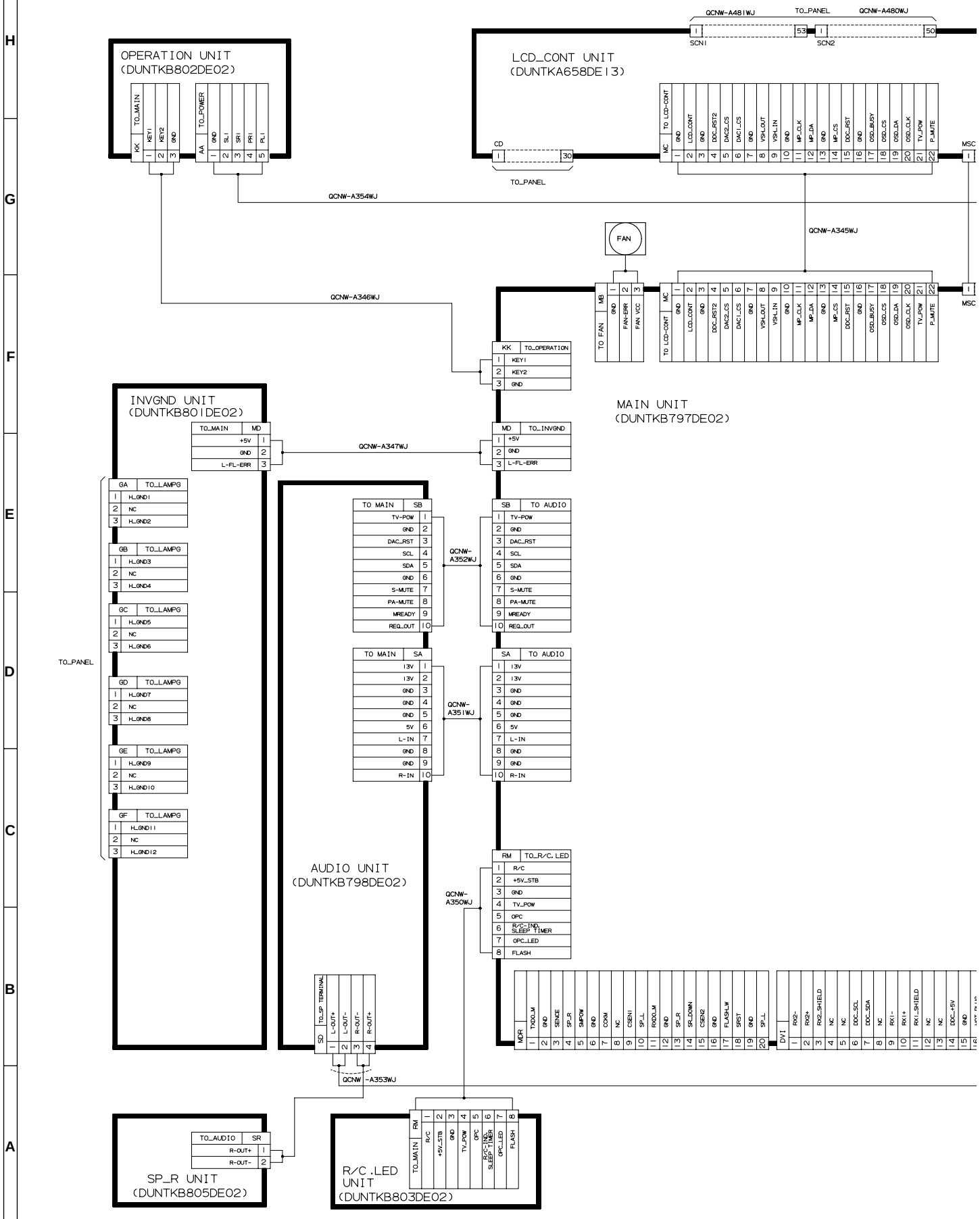
OVERALL WIRING DIAGRAM-2/2 (AVC system)

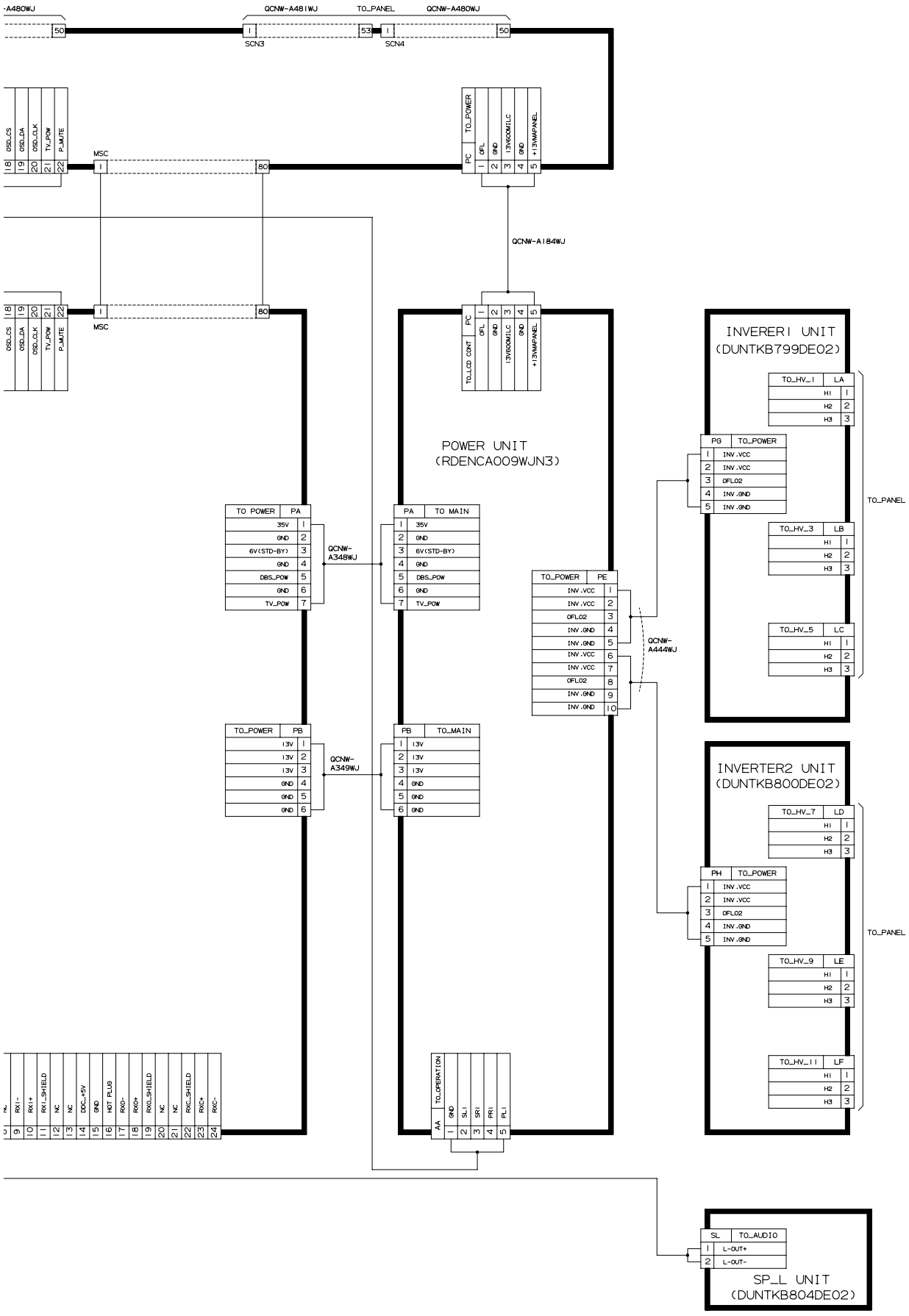




10	11	12	13	14	15	16	17	18	19

OVERALL WIRING DIAGRAM (Display)





10	11	12	13	14	15	16	17	18	19

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. When the exclusive-use AC adapter is used, the colour bar signal of colour bar generator for service is input to get the normal screen. When the audio is minimized, the voltage value is measured with the 20 kΩ/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. When the exclusive-use AC adapter is used, the colour density, lightness and colour hue are set to the center position, and the signal of colour bar generator for service is observed to get waveform.
2. ◯▶ indicates waveform check points (See chart, waveforms are measured from point indicated to chassis ground.)

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid Ⓦ : Cement
   Ⓢ: Oxide Film Ⓣ : Special
   Ⓝ: Metal Coating

CAPACITOR

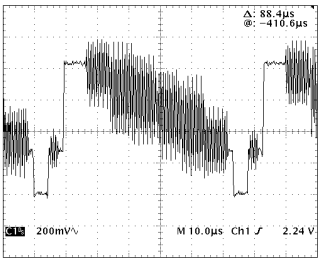
1. All capacitors are mF, unless otherwise noted. (P=pF=mmF).
2. All capacitors are Ceramic type, unless otherwise noted.
   (ML) : Mylar (TA) : Tantalum
   (PF) : Polypro Film (ST) : Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

IMPORTANT SAFETY NOTICE:
PARTS MARKED WITH "⚠" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

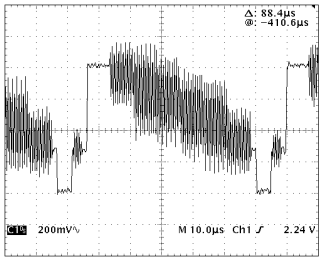
WAVEFORMS

①



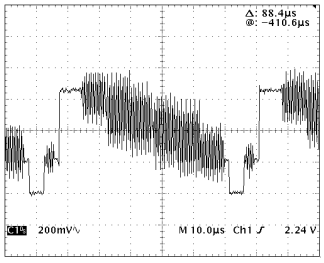
TP1101 (Tuner-A Out)
V: 200mV/div H: 10µsec/div

②



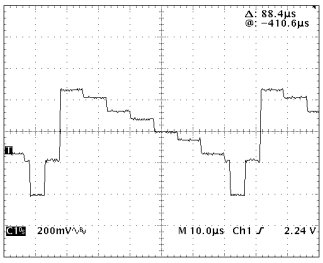
TP1102 (Tuner-B Out)
V: 200mV/div H: 10µsec/div

③



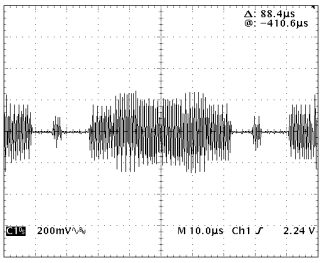
TP7005 (3DYCIN)
V: 200mV/div H: 10µsec/div

④



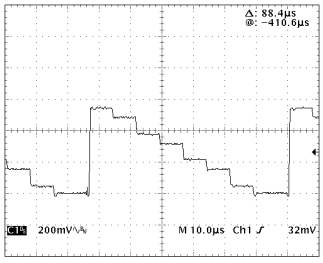
TP7004 (3DYC Y-Out)
V: 200mV/div H: 10µsec/div

⑤



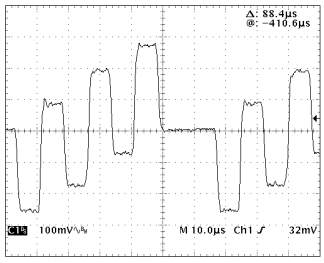
TP7003 (3DYC C-Out)
V: 200mV/div H: 10µsec/div

⑥



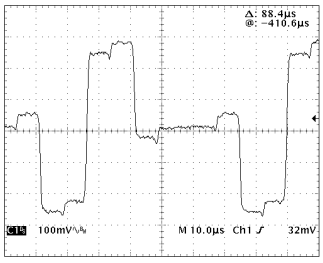
P801 (1) pin
(Chroma Y-Out)
V: 200mV/div H: 10µsec/div

⑦



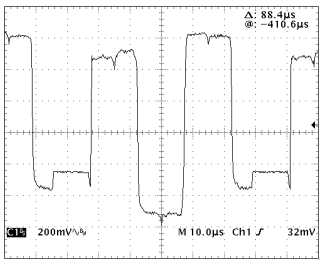
P801 (3) pin
(Chroma Cb-Out)
V: 100mV/div H: 10µsec/div

⑧



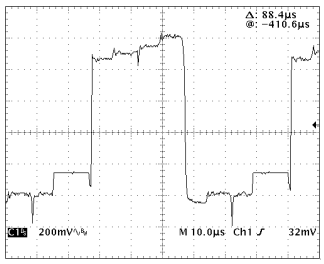
P801 (5) pin
(Chroma Cr-Out)
V: 100mV/div H: 10µsec/div

⑨



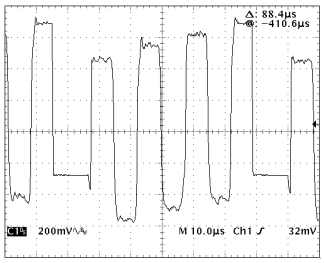
TP816 (R-Out)
V: 200mV/div H: 10µsec/div

⑩



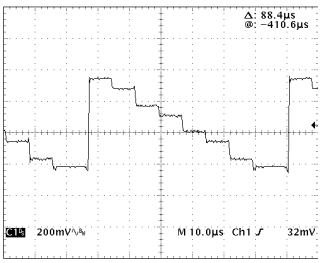
TP815 (G-Out)
V: 200mV/div H: 10µsec/div

⑪



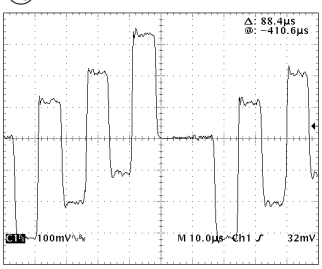
TP814 (B-Out)
V: 200mV/div H: 10µsec/div

⑫



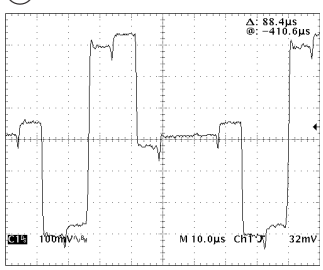
P801 (9) pin
(Sub Y-Out)
V: 200mV/div H: 10µsec/div

⑬



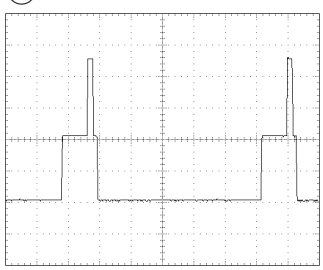
P801 (11) pin
V: 100mV/div H: 10µsec/div

⑭



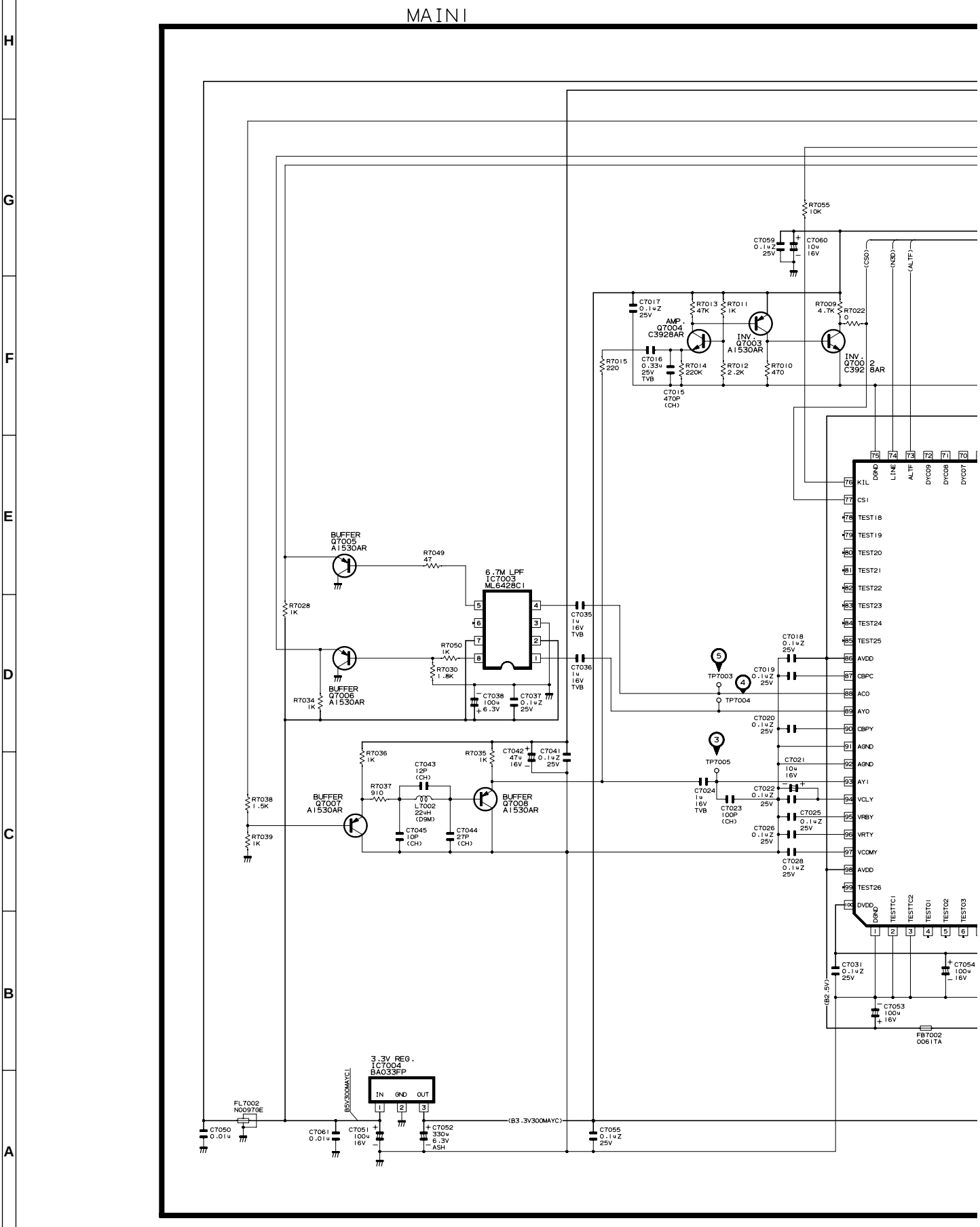
P802 (23) pin
V: 100mV/div H: 10µsec/div

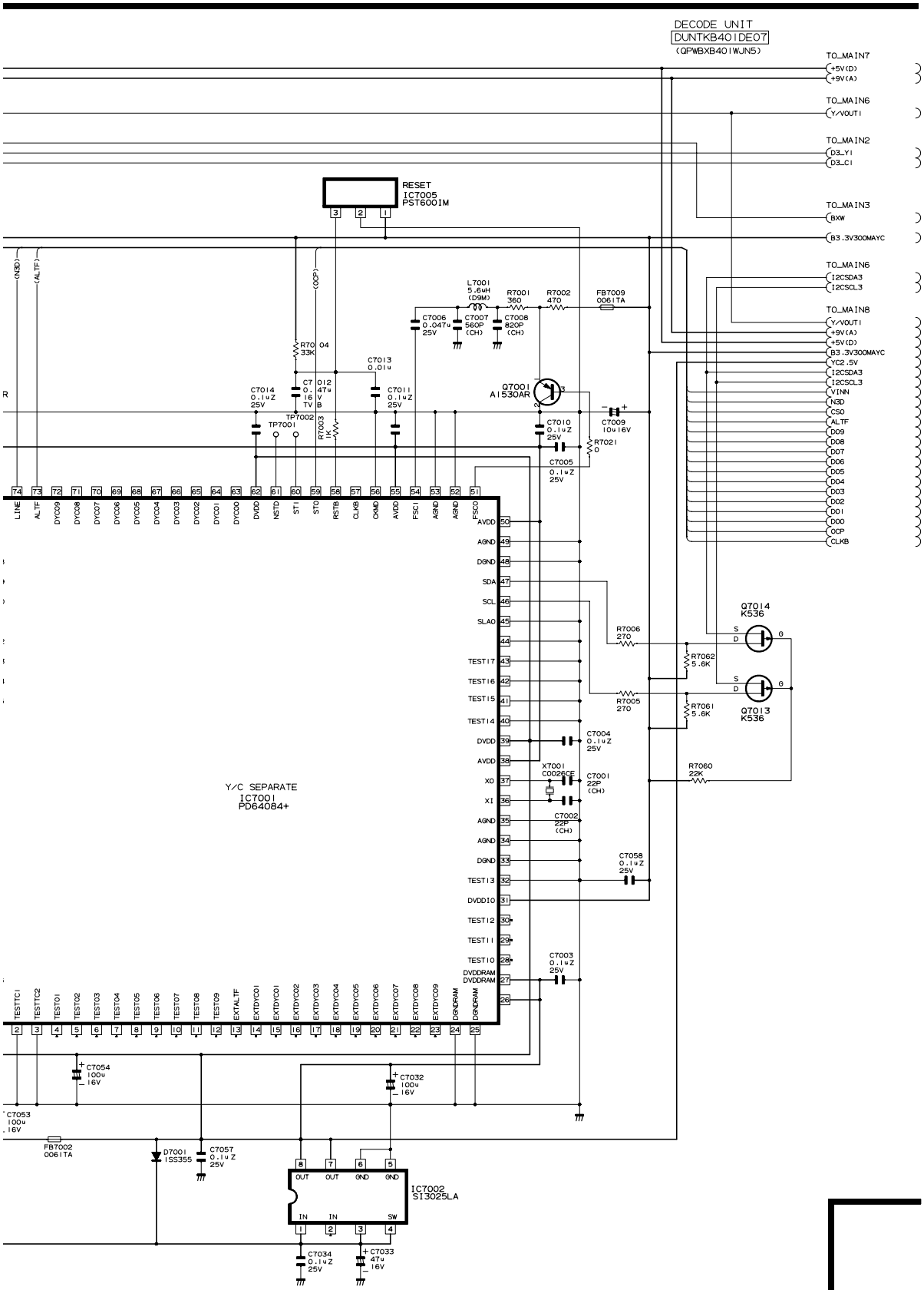
⑮



P803 (31) pin
V: 1V/div H: 10µsec/div

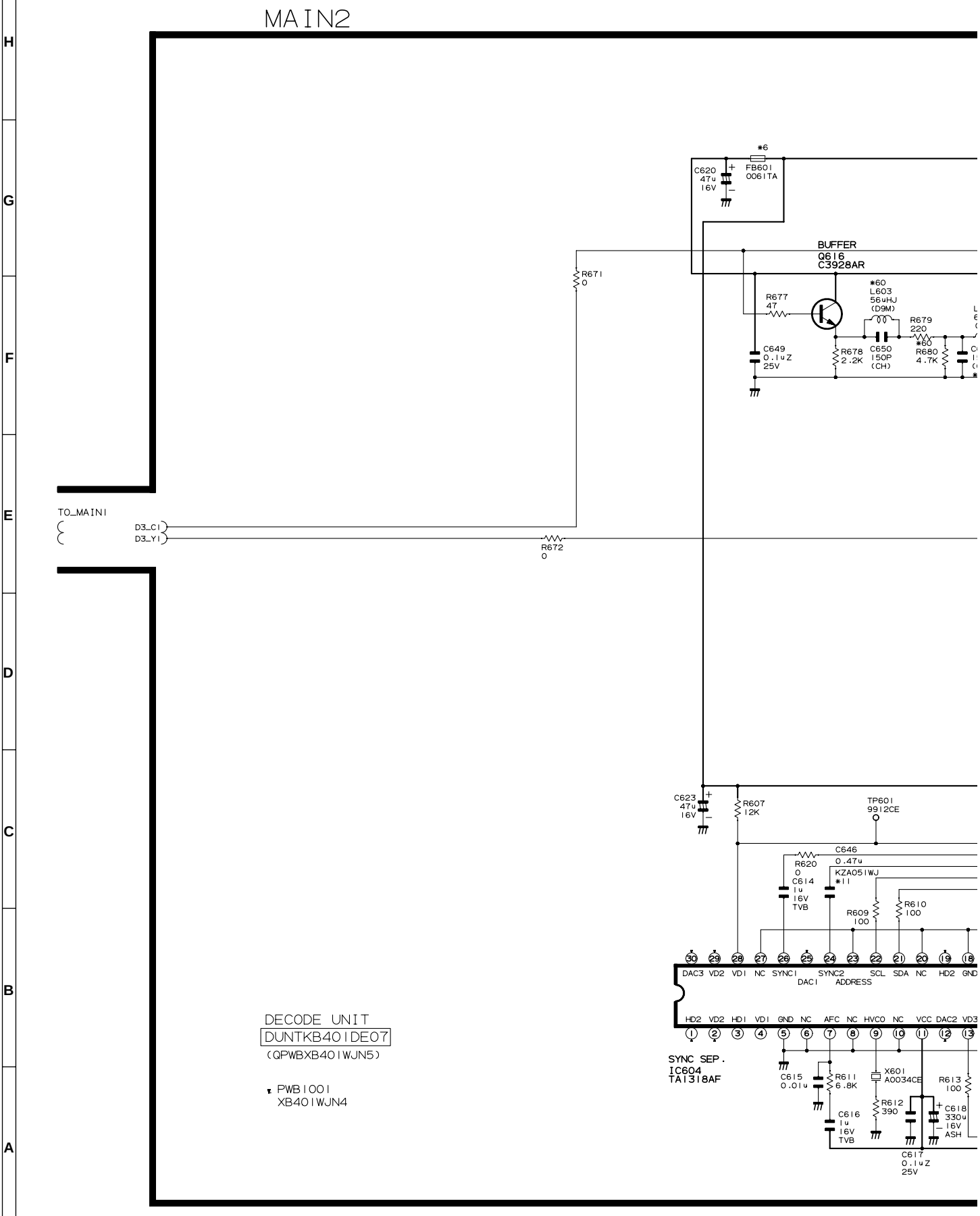
■ MAIN Unit-1/7 (AVC System)

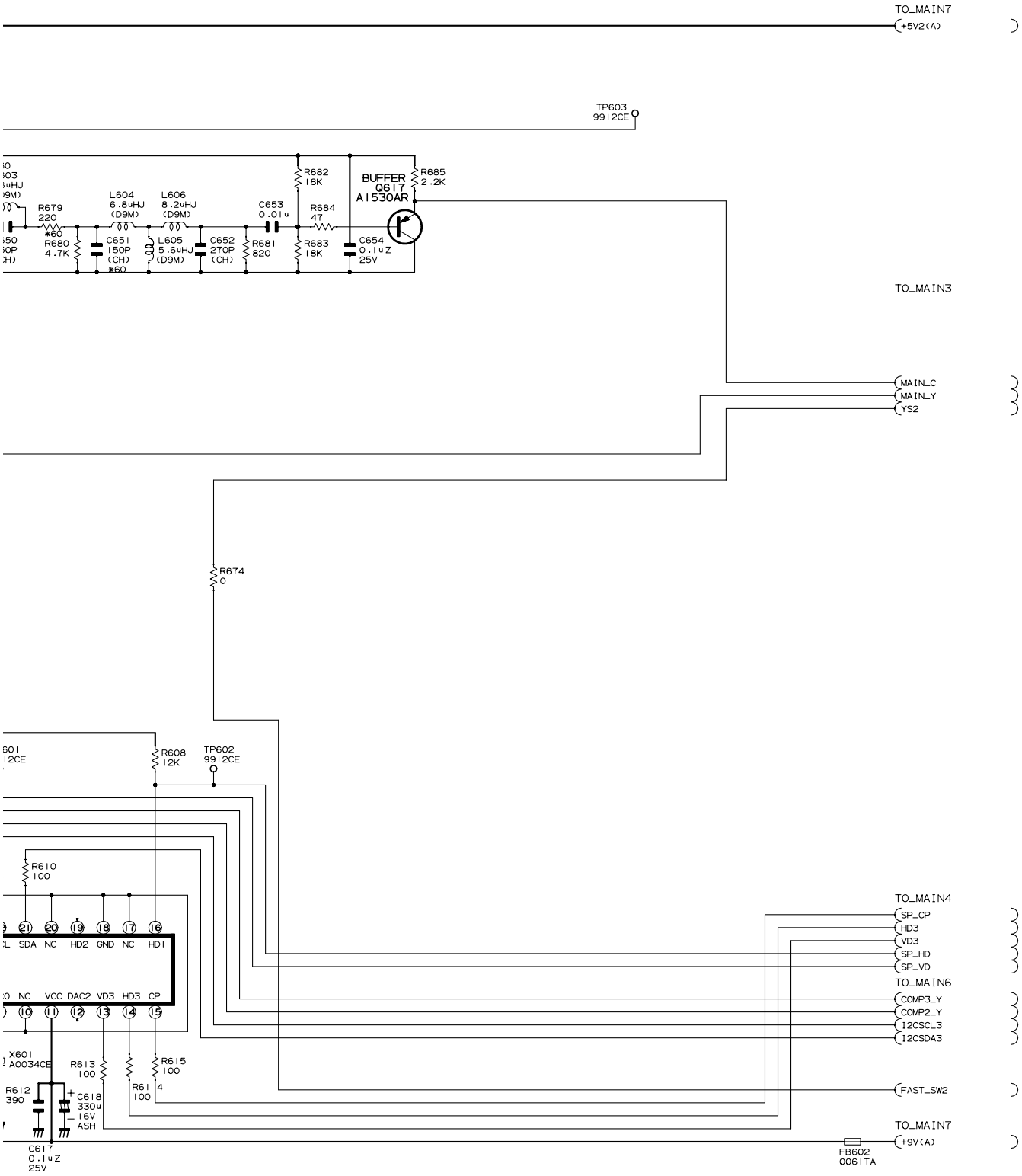




10	11	12	13	14	15	16	17	18	19

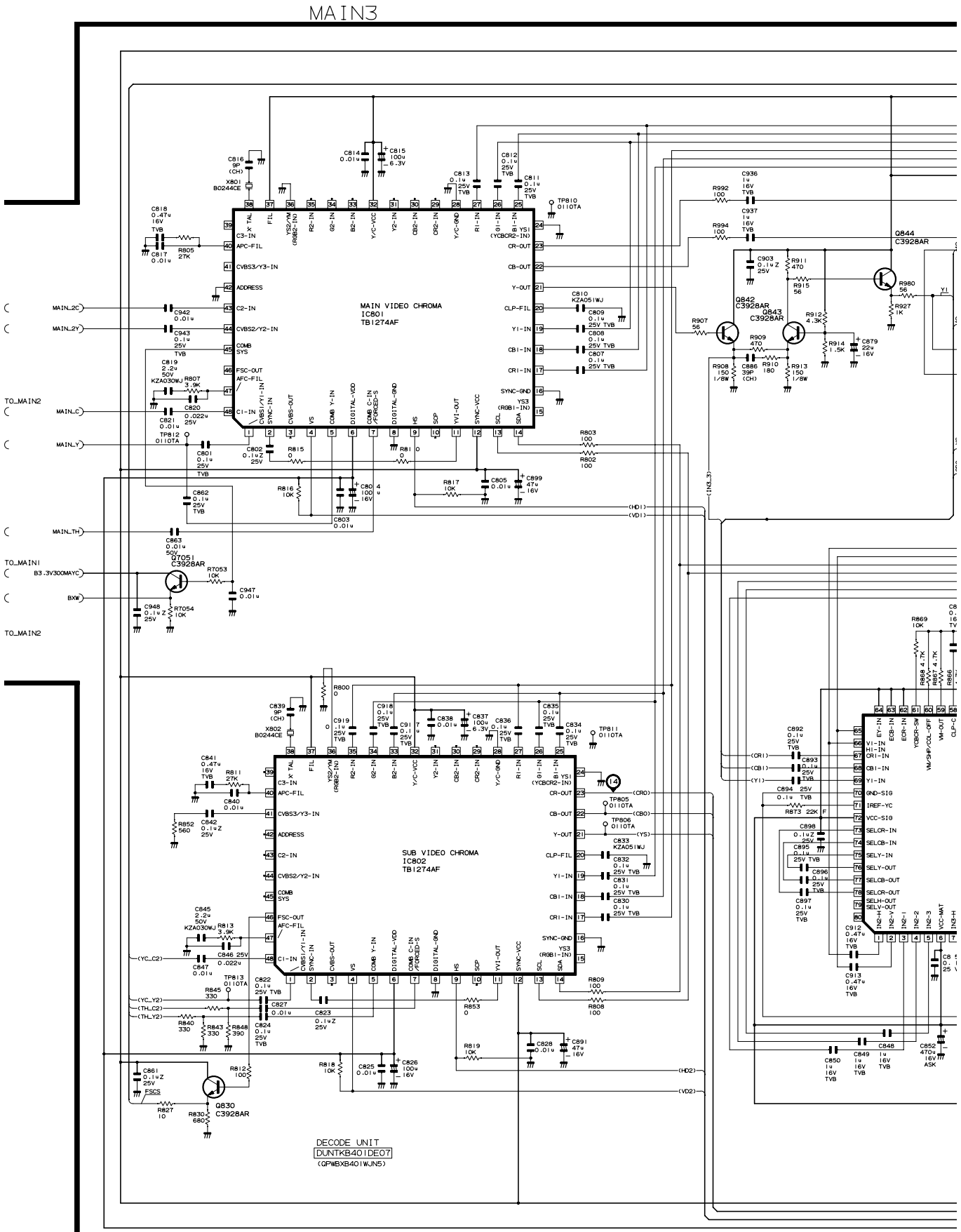
■ MAIN Unit-2/7 (AVC System)

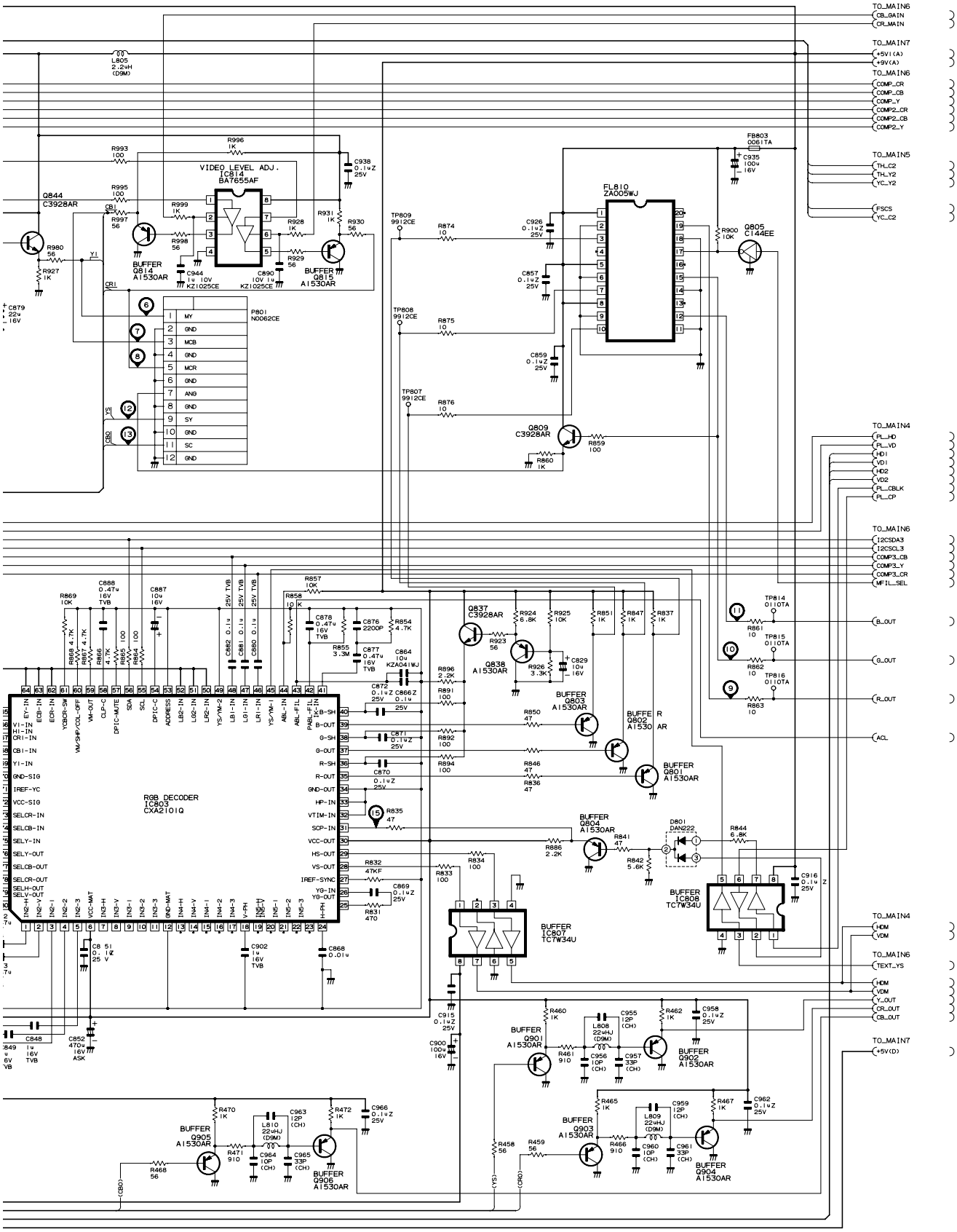




10	11	12	13	14	15	16	17	18	19

■ MAIN Unit-3/7 (AVC System)





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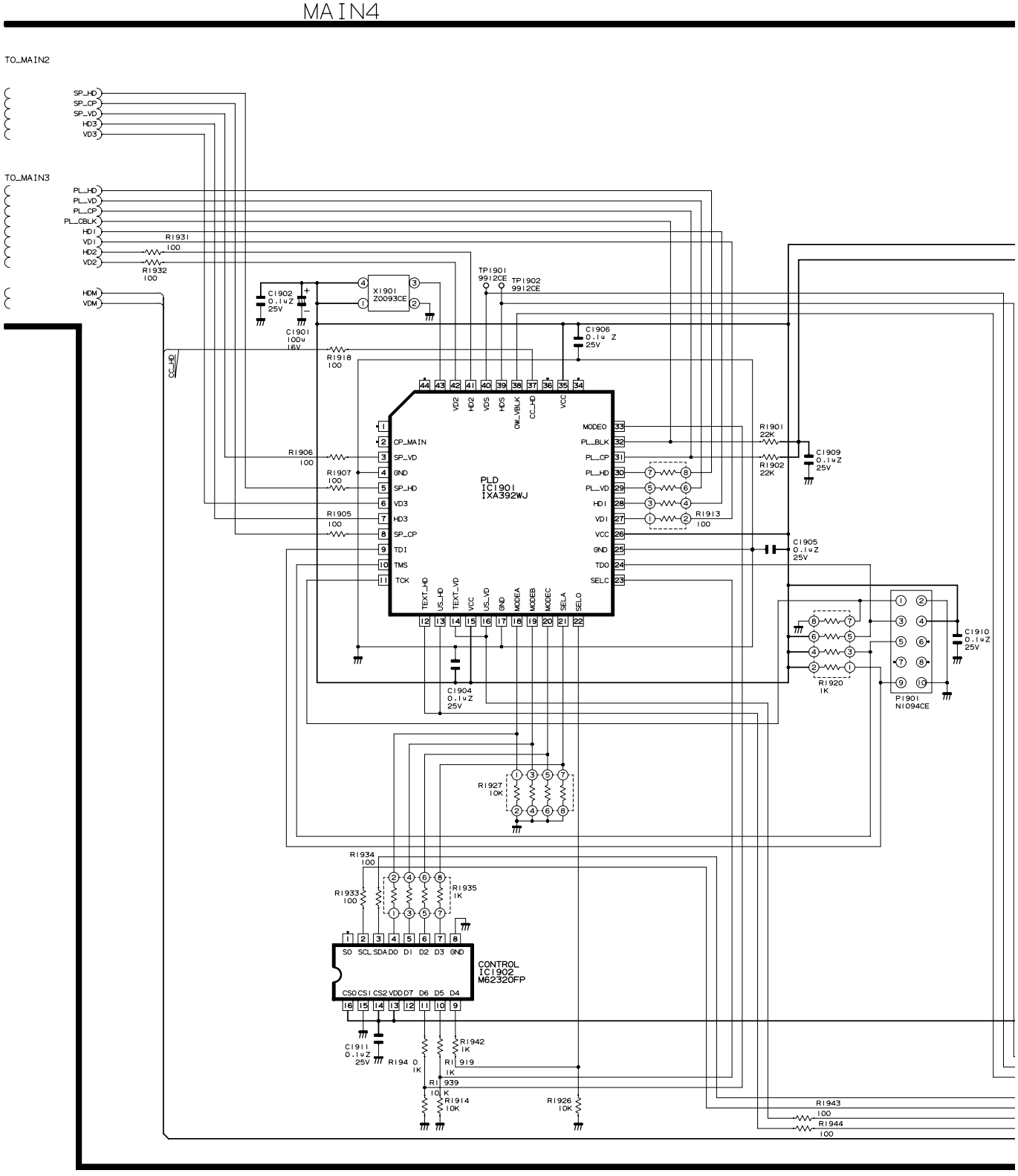
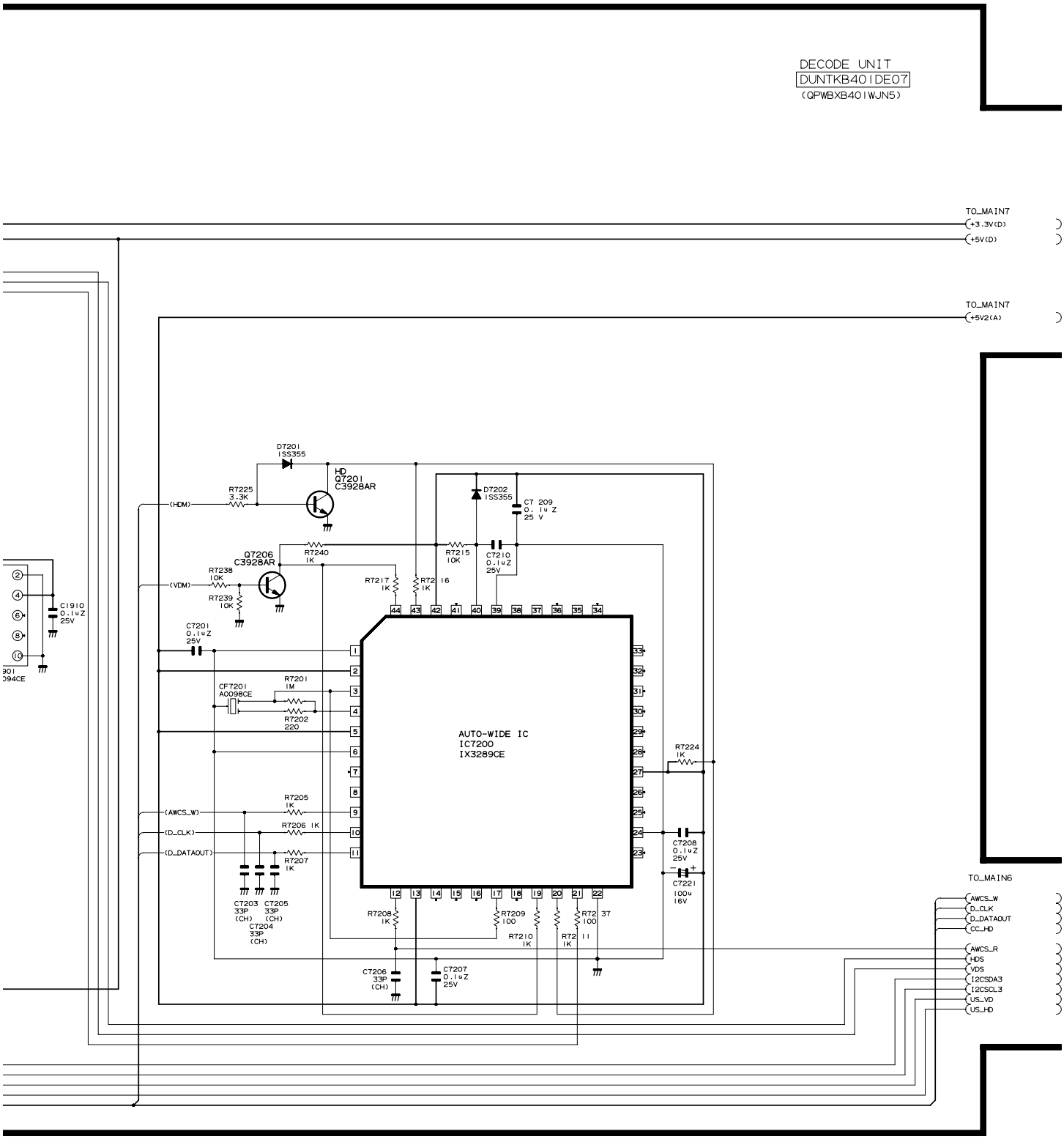
■ MAIN Unit-4/7 (AVC System)

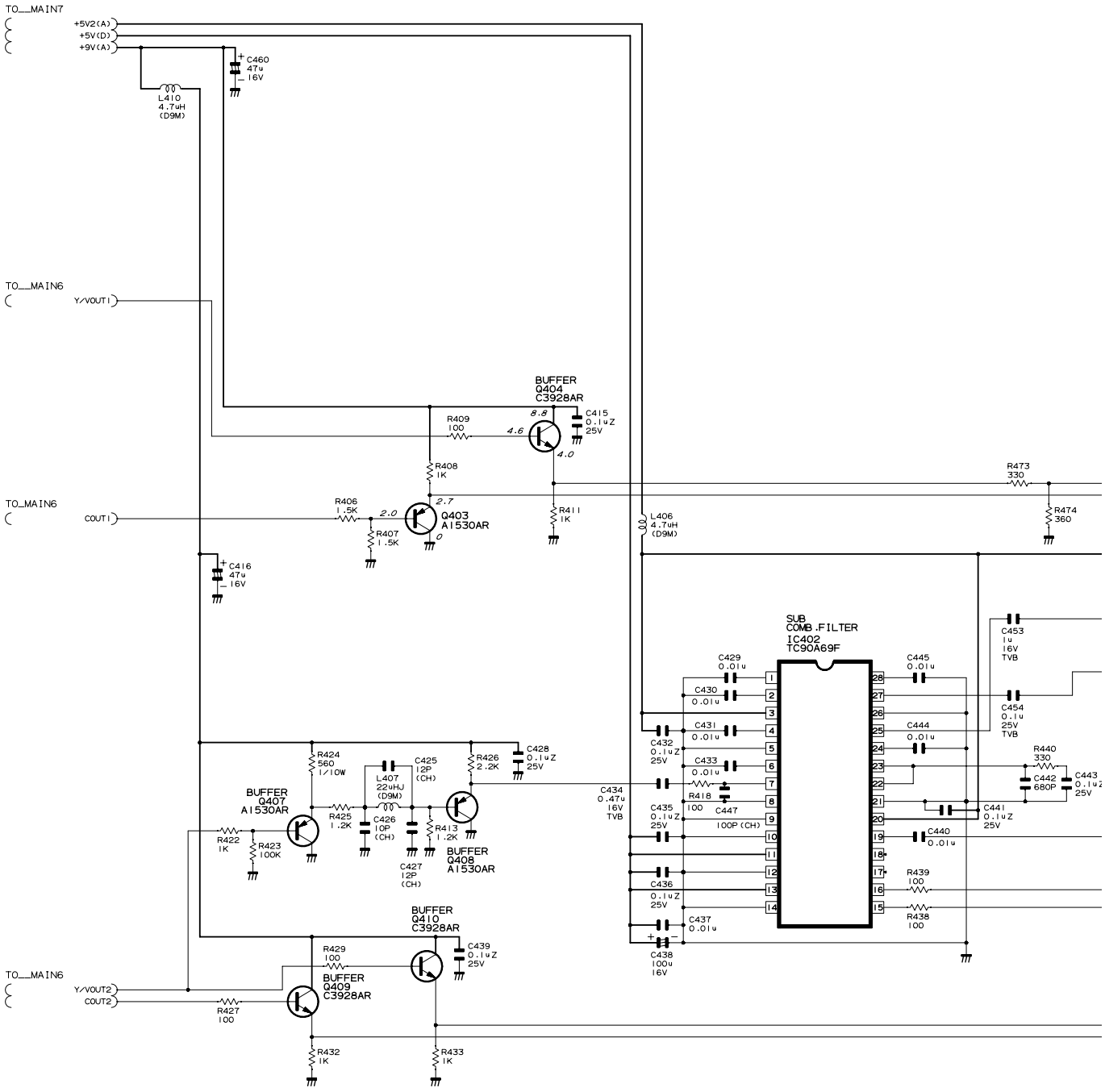




10	11	12	13	14	15	16	17	18	19

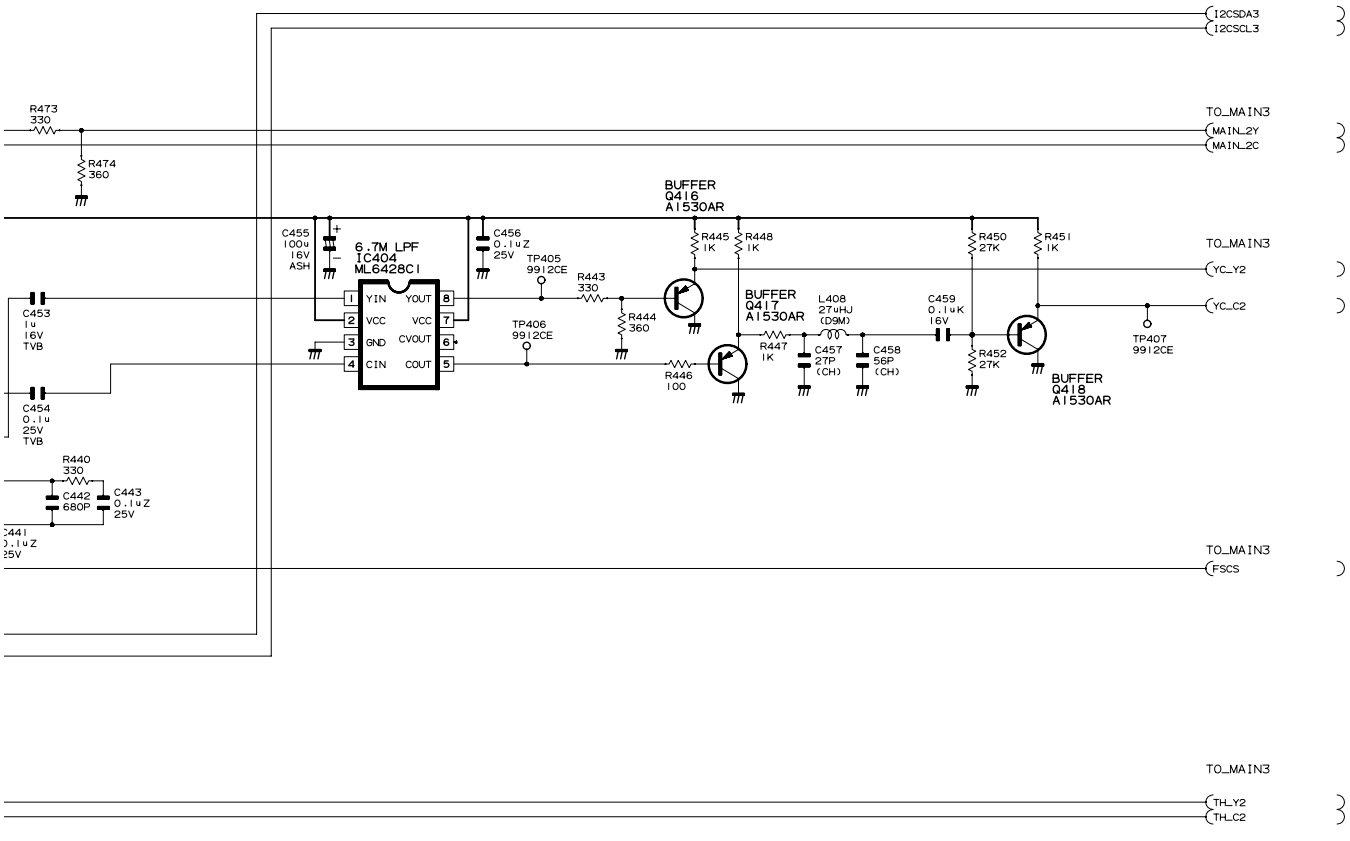
■ MAIN Unit-5/7 (AVC System)

MAIN5



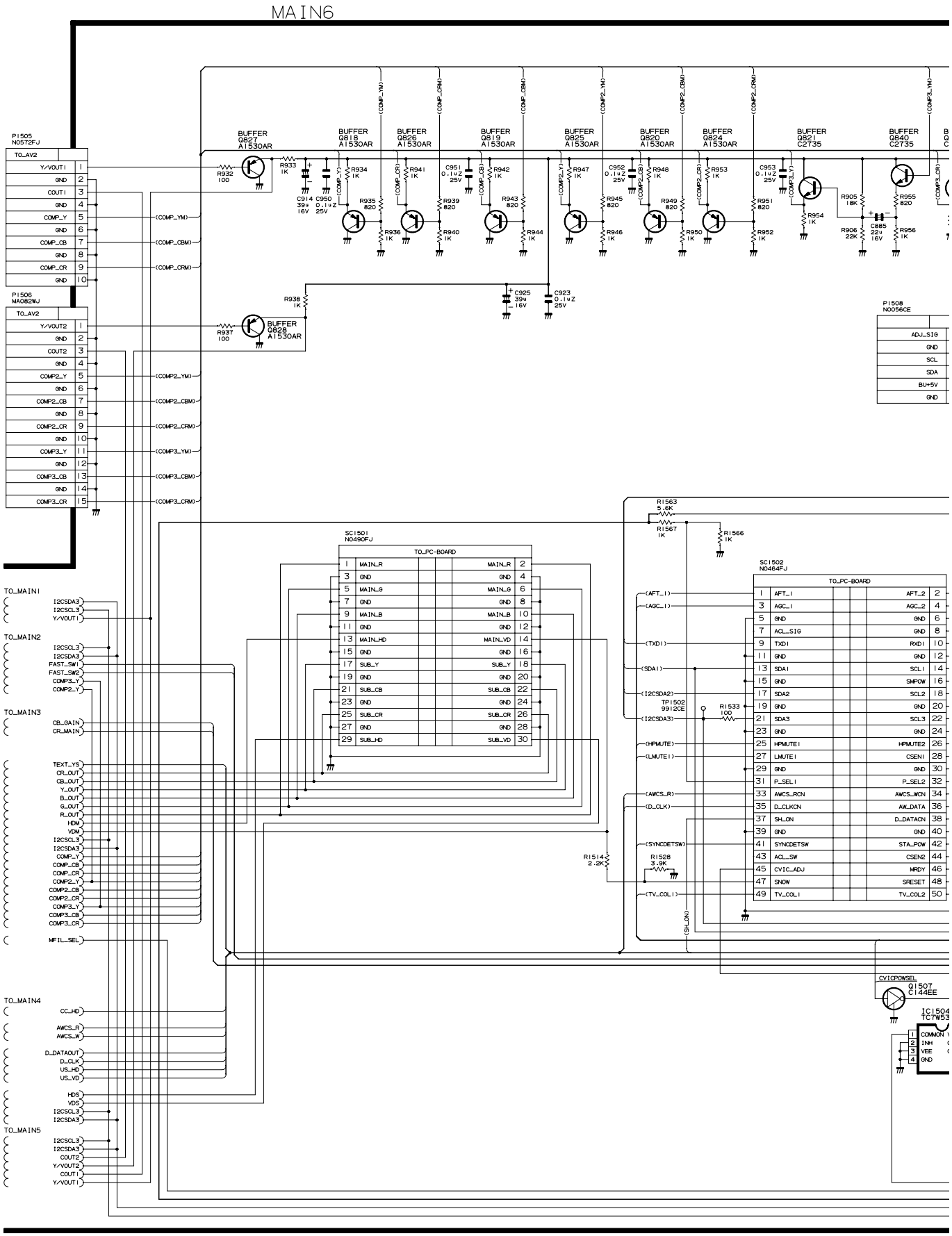
1	2	3	4	5	6	7	8	9	10

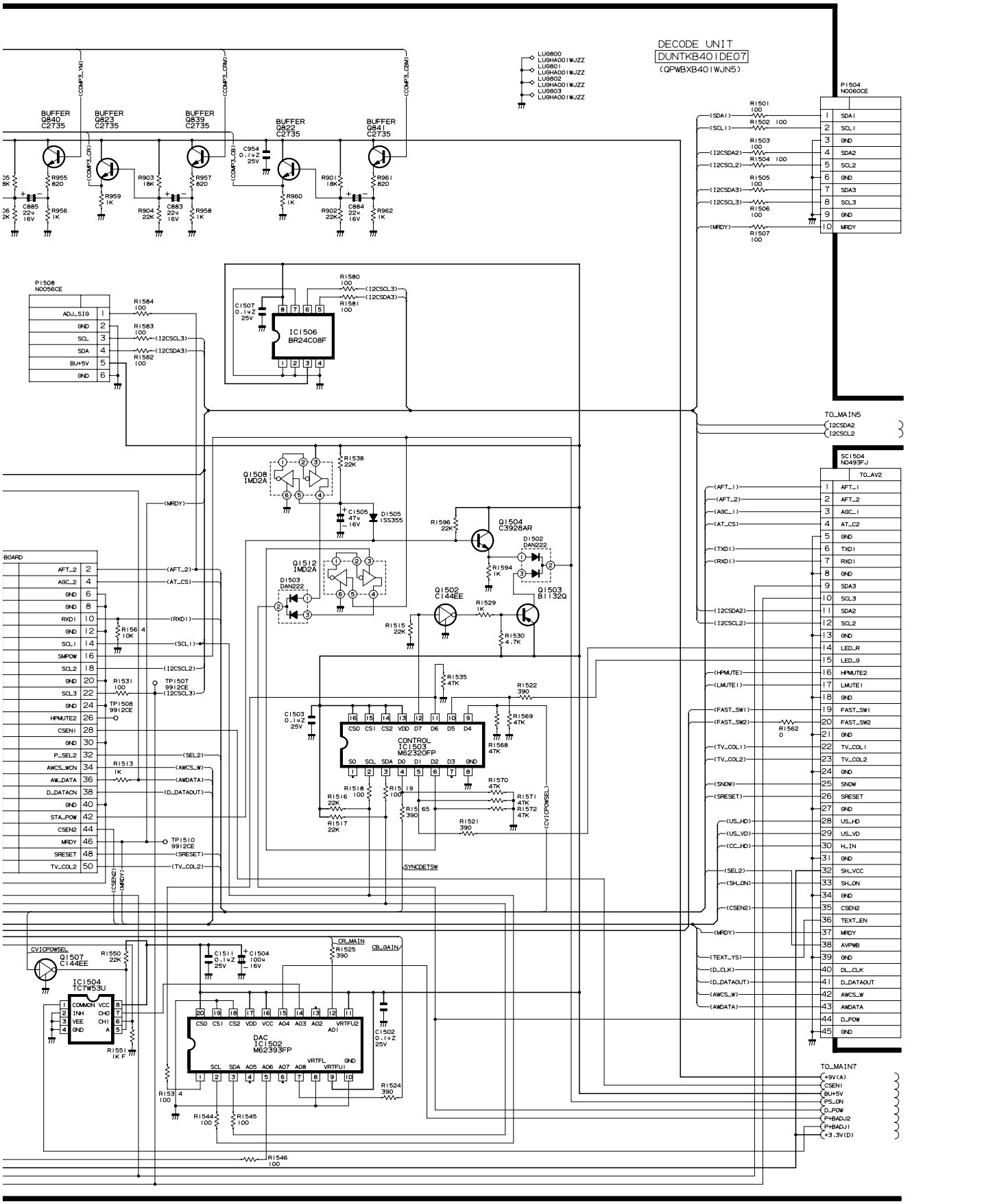
DECODE UNIT
DUNTKB401DE07
(QPWBXB401WJN5)



10	11	12	13	14	15	16	17	18	19

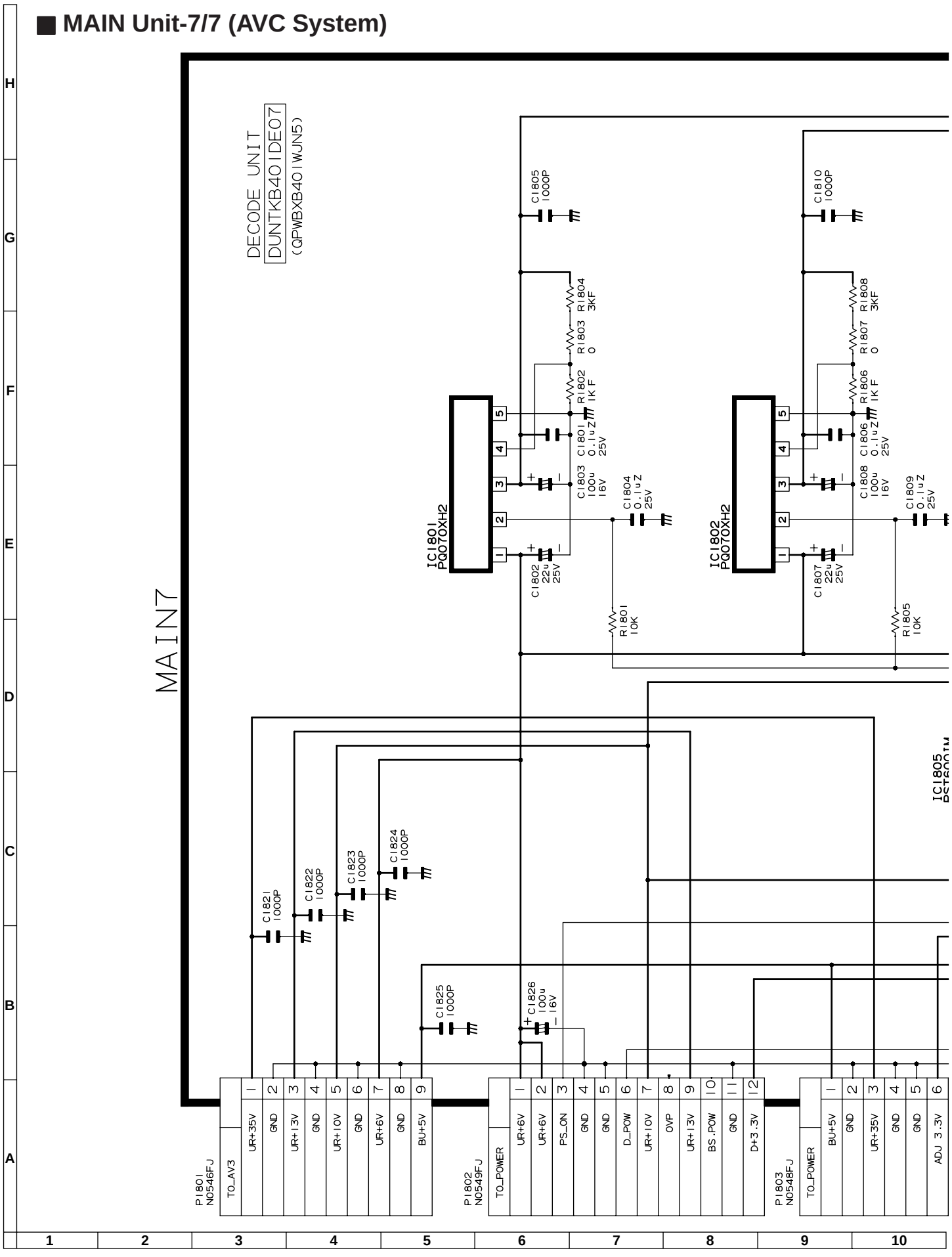
■ MAIN Unit-6/7 (AVC System)

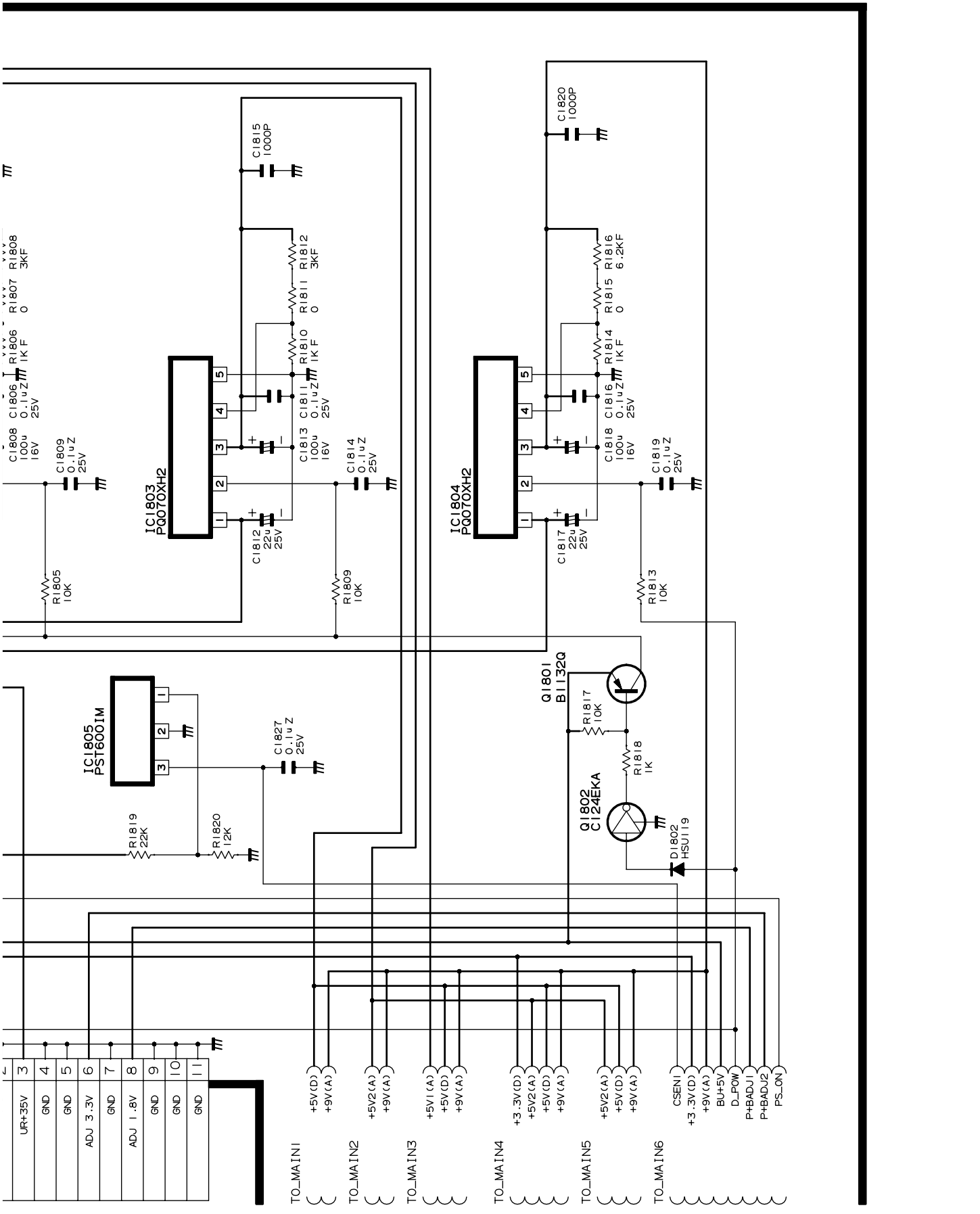




10	11	12	13	14	15	16	17	18	19

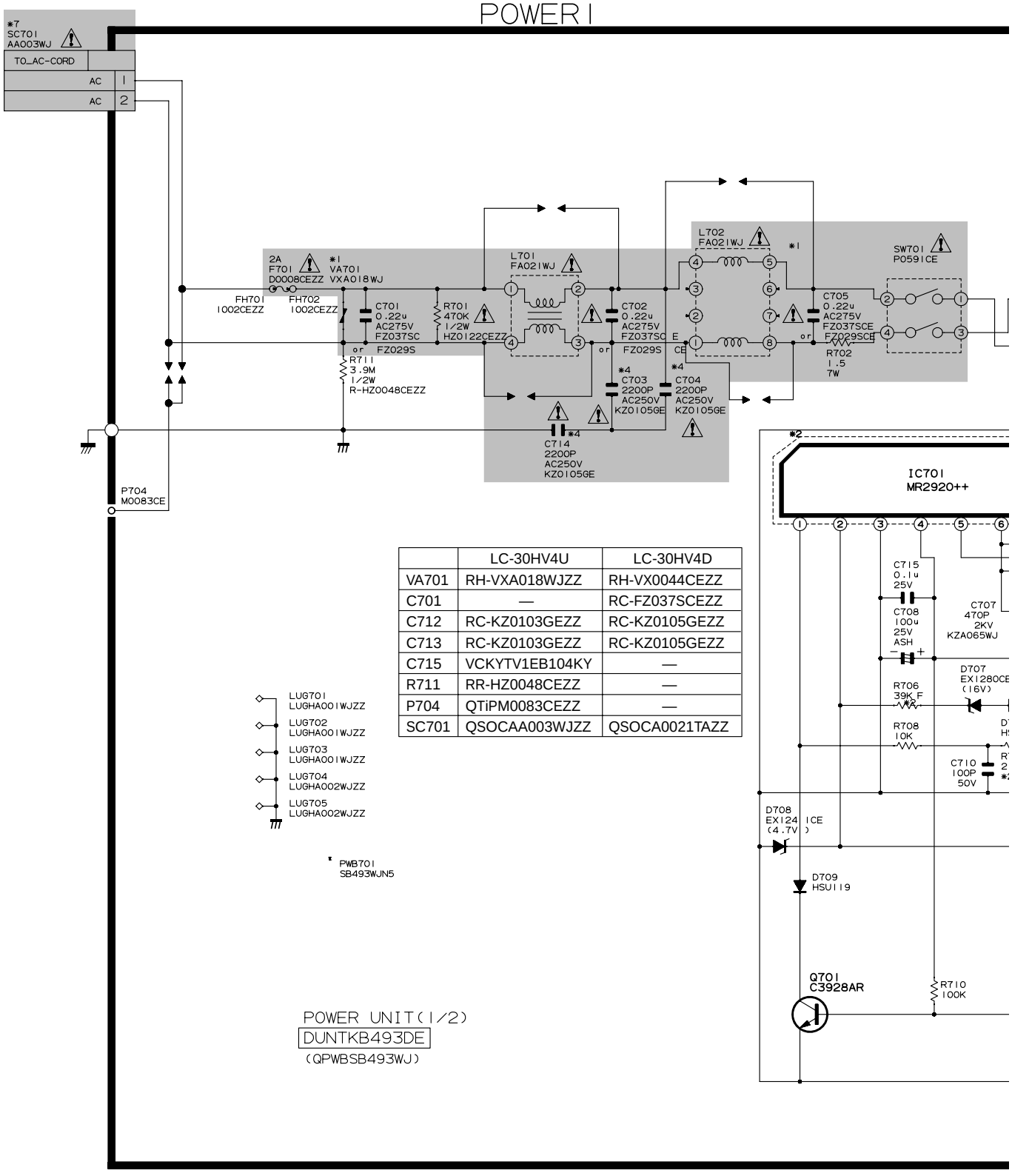
■ MAIN Unit-7/7 (AVC System)



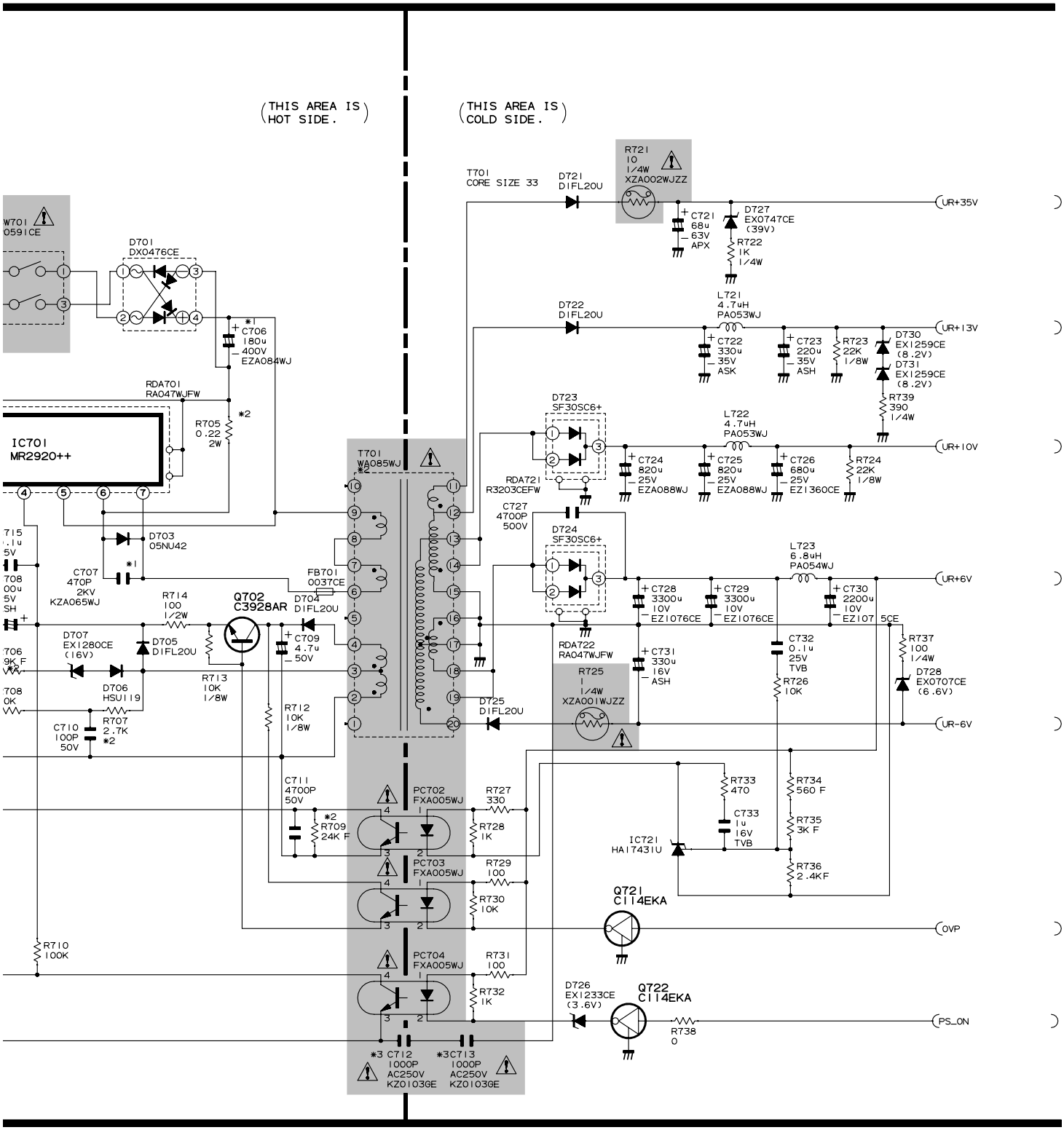


10	11	12	13	14	15	16	17	18	19

■ POWER Unit-1/2 (AVC System)



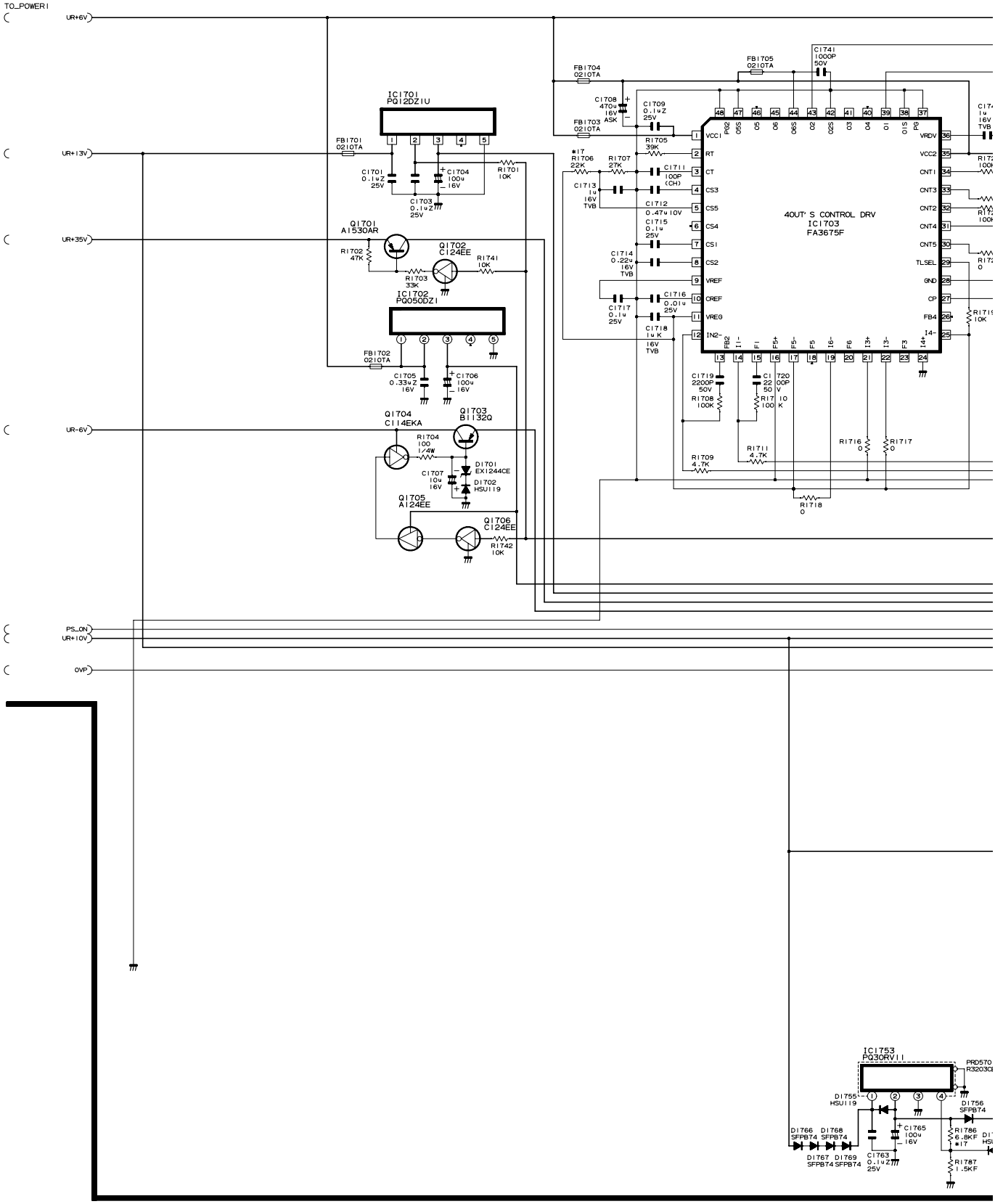
	LC-30HV4U	LC-30HV4D
VA701	RH-VXA018WJZZ	RH-VX0044CEZZ
C701	—	RC-FZ037SCEZZ
C712	RC-KZ0103GEZZ	RC-KZ0105GEZZ
C713	RC-KZ0103GEZZ	RC-KZ0105GEZZ
C715	VCKYTV1EB104KY	—
R711	RR-HZ0048CEZZ	—
P704	QTiPM0083CEZZ	—
SC701	QSOCAA003WJZZ	QSOCA0021TAZZ

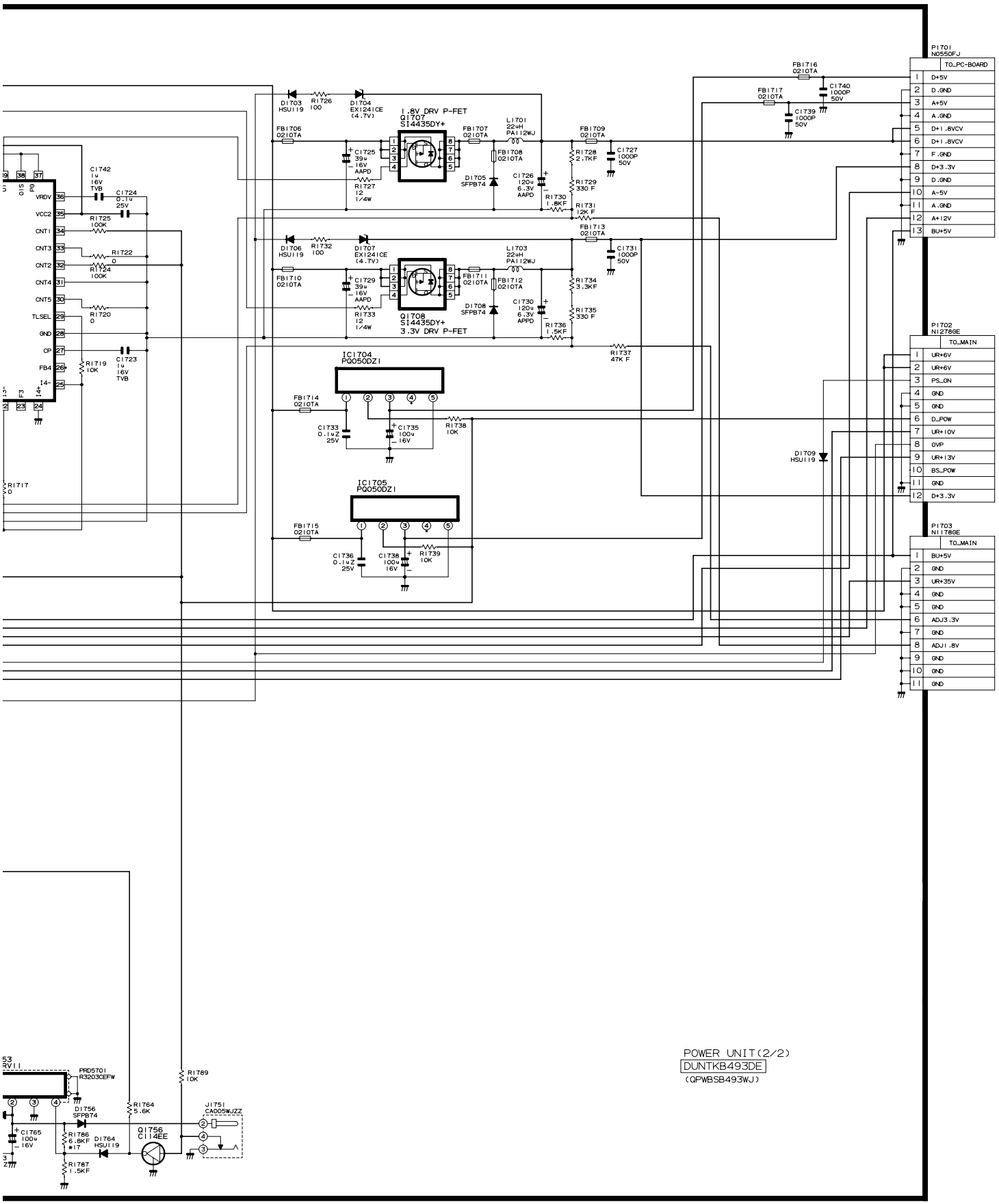


10	11	12	13	14	15	16	17	18	19

■ POWER Unit-2/2 (AVC System)

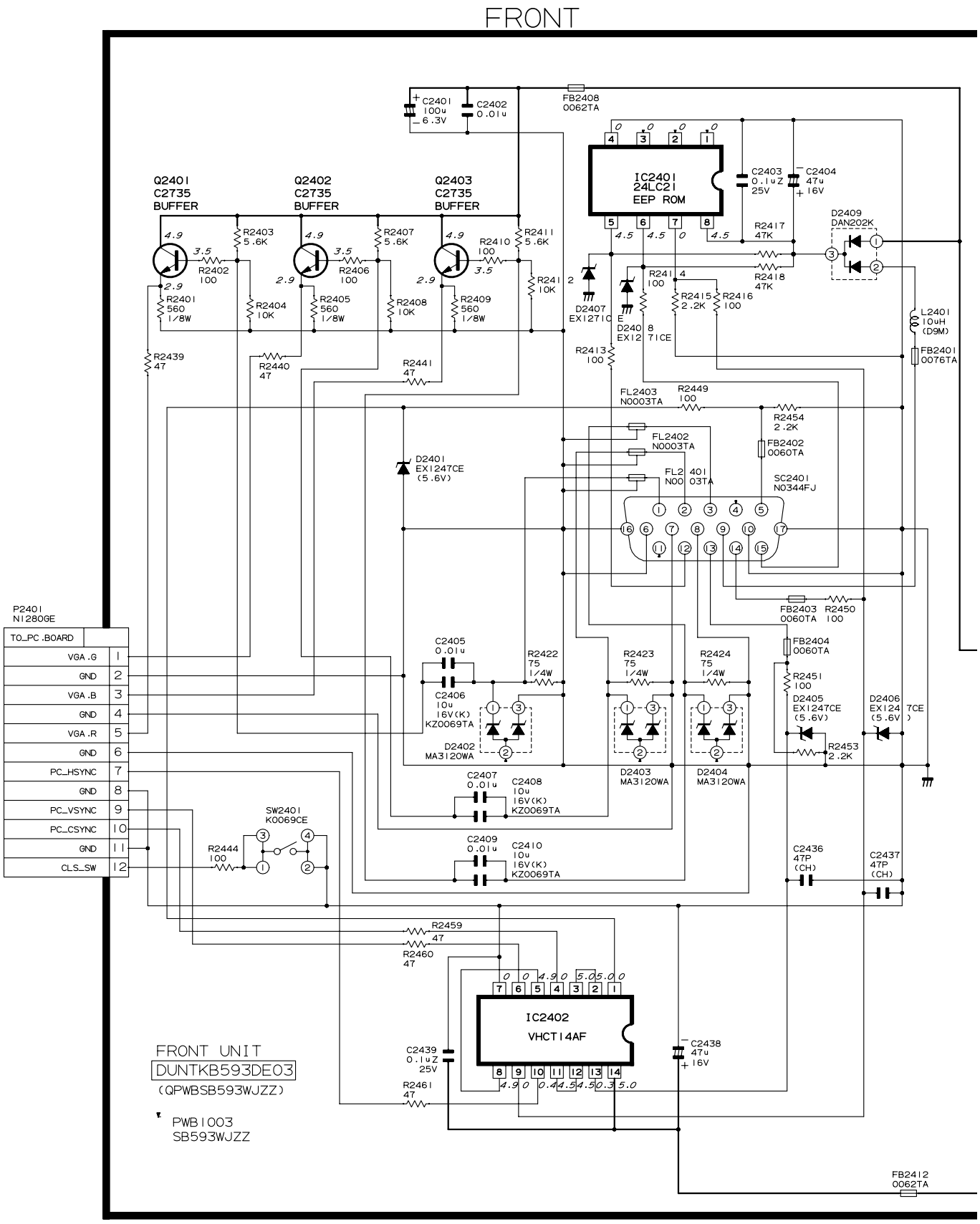
POWER2

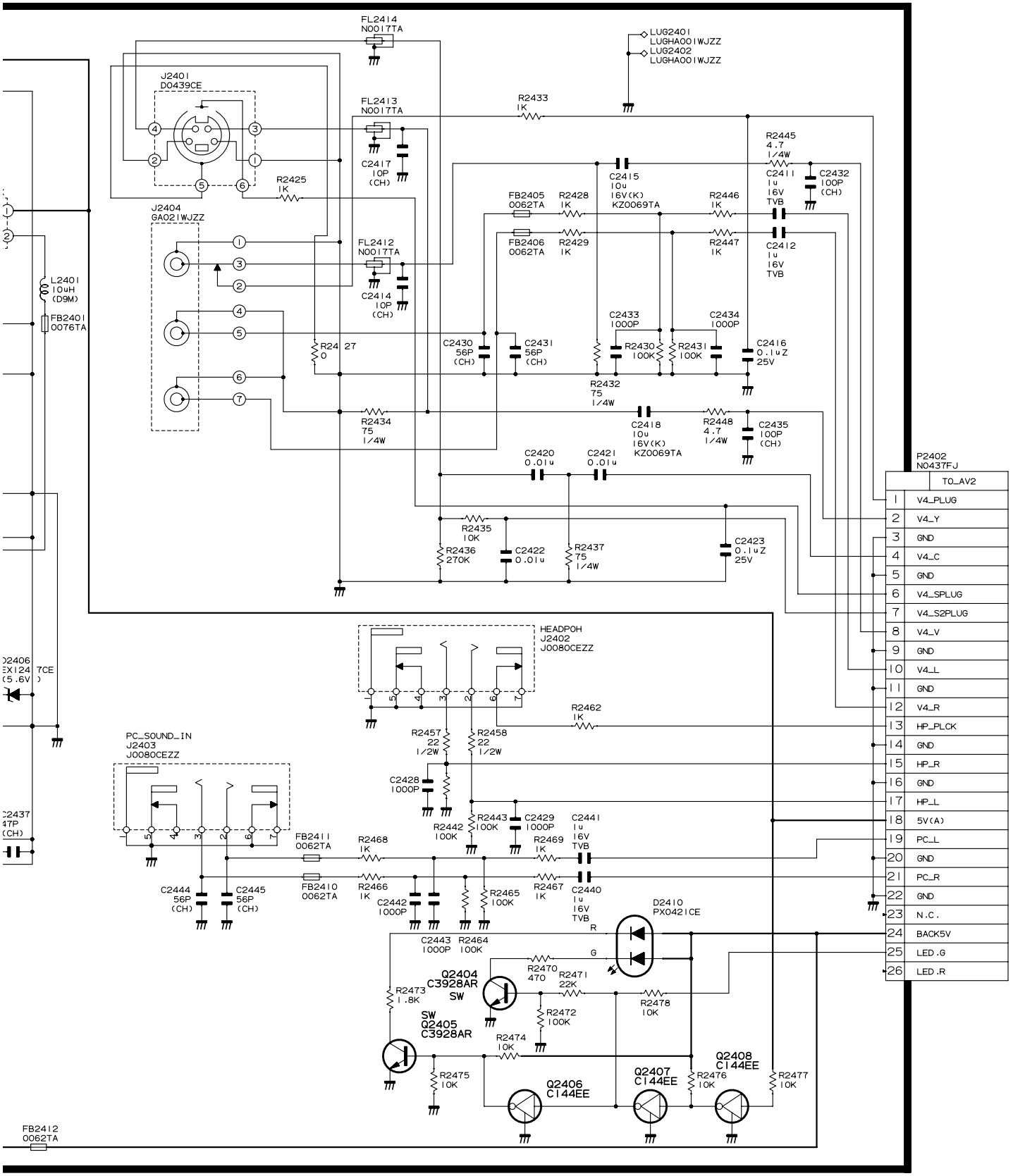




POWER UNIT(2/2)
DUNTKB493DE
(QPWBSB493WJ)

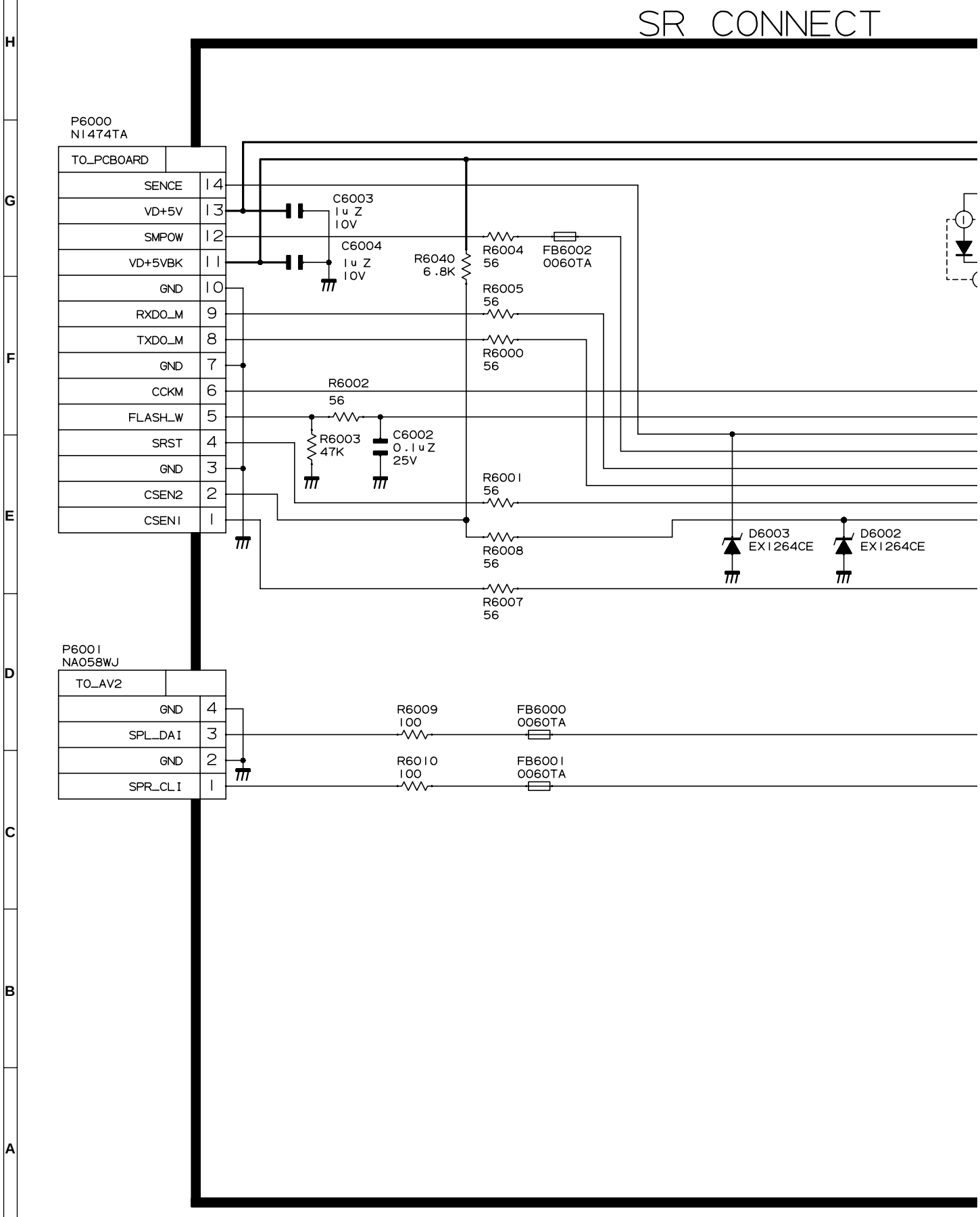
■ FRONT Unit (AVC System)

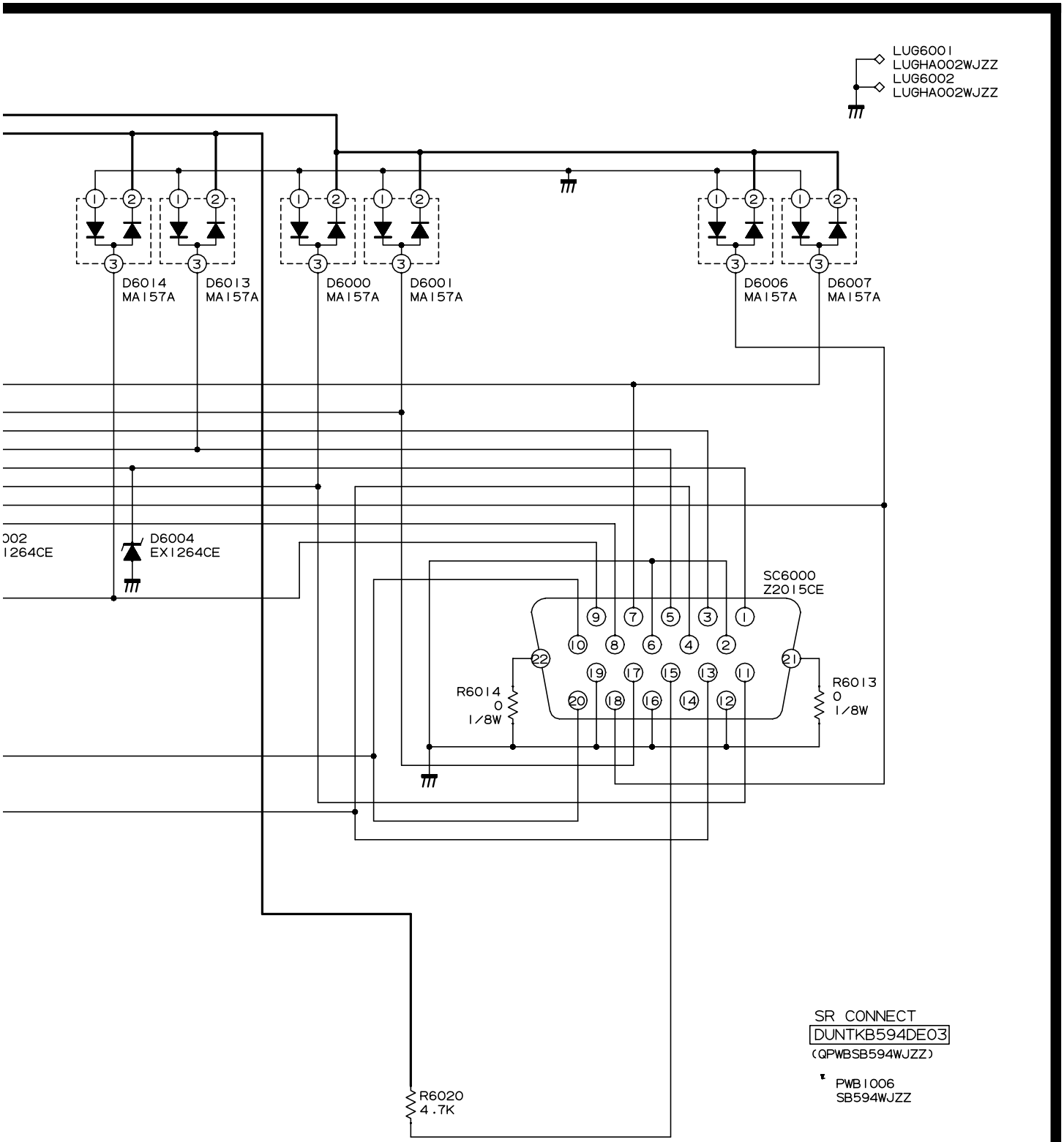




10	11	12	13	14	15	16	17	18	19

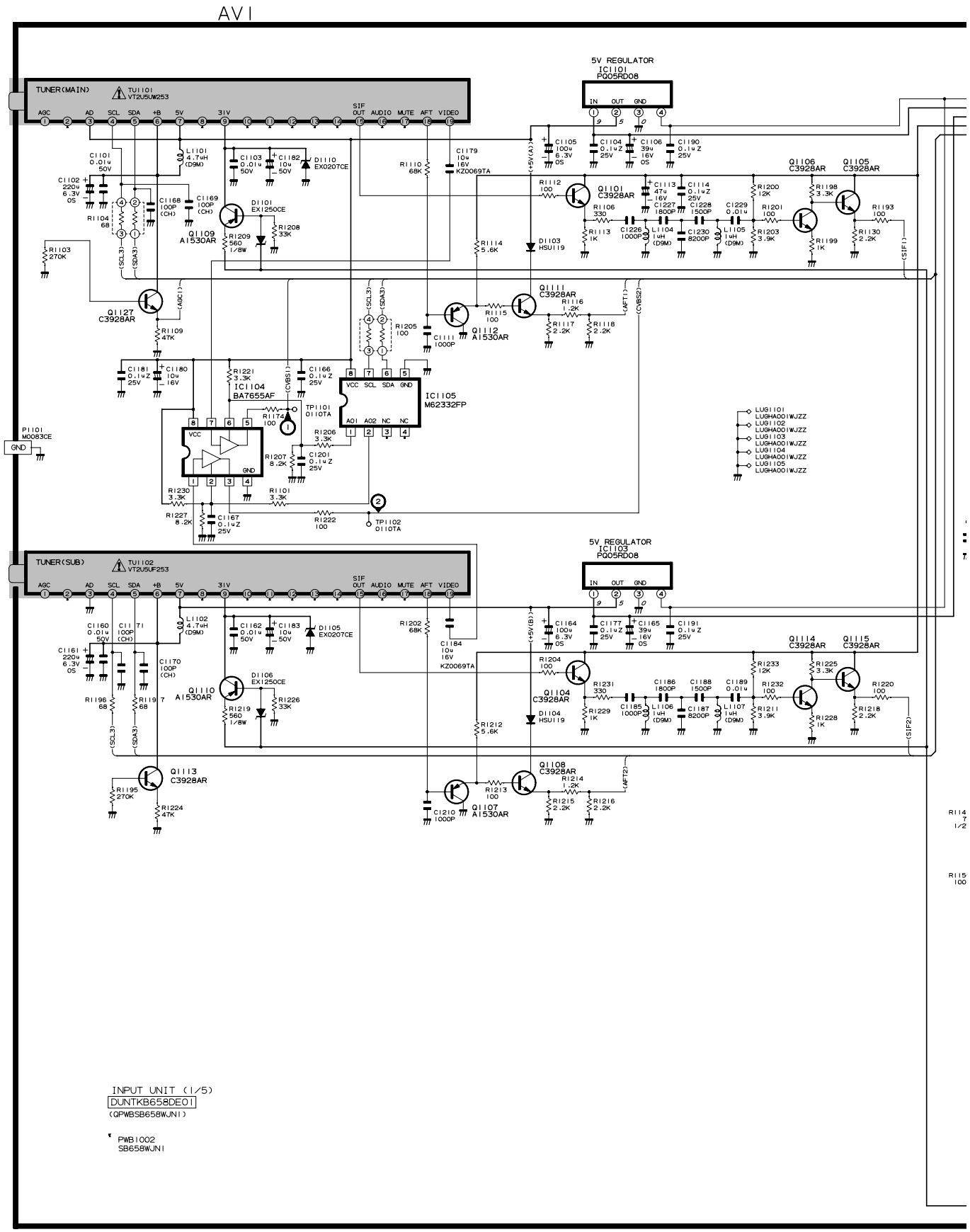
■ SR Unit (AVC System)

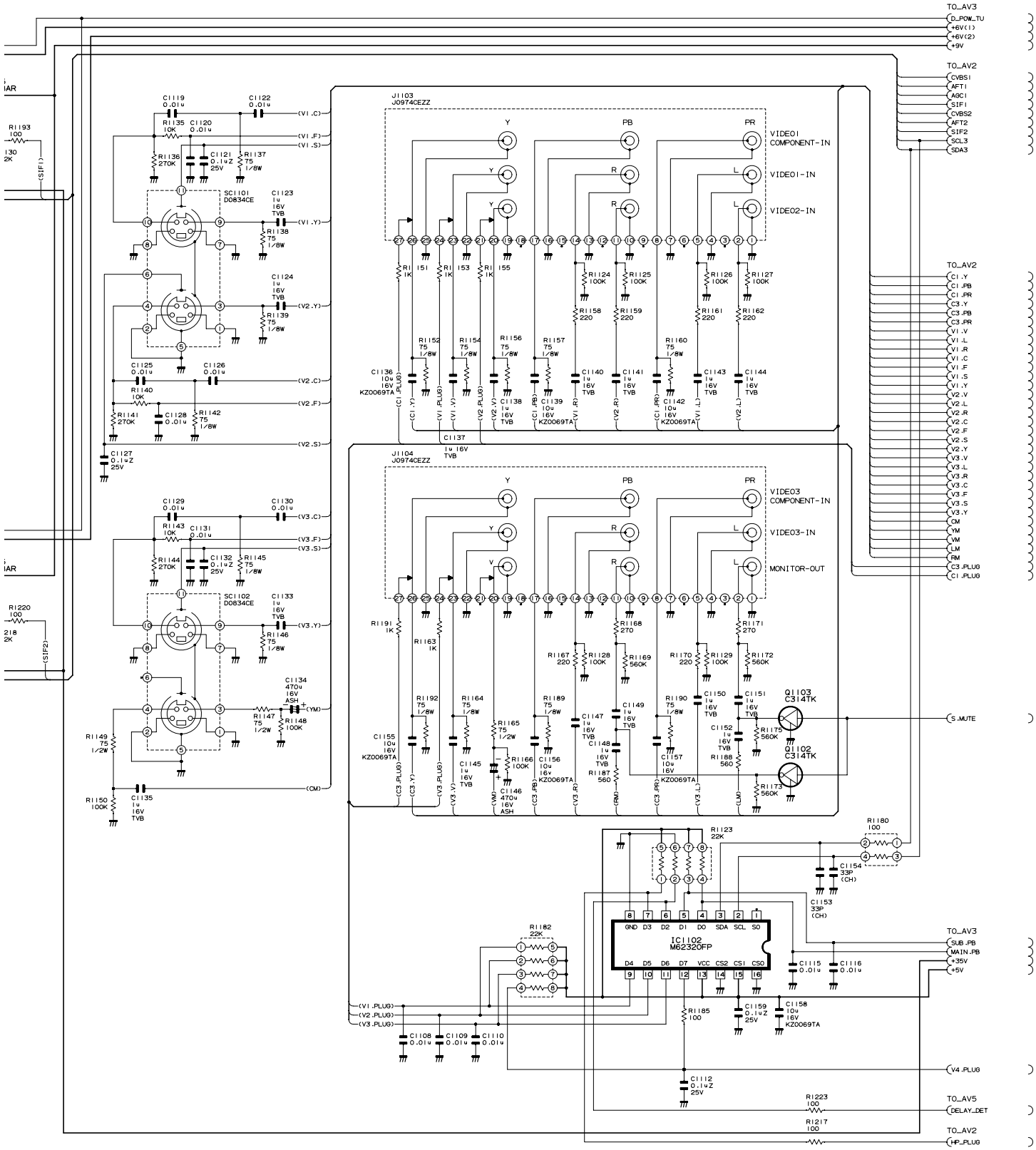




10	11	12	13	14	15	16	17	18	19

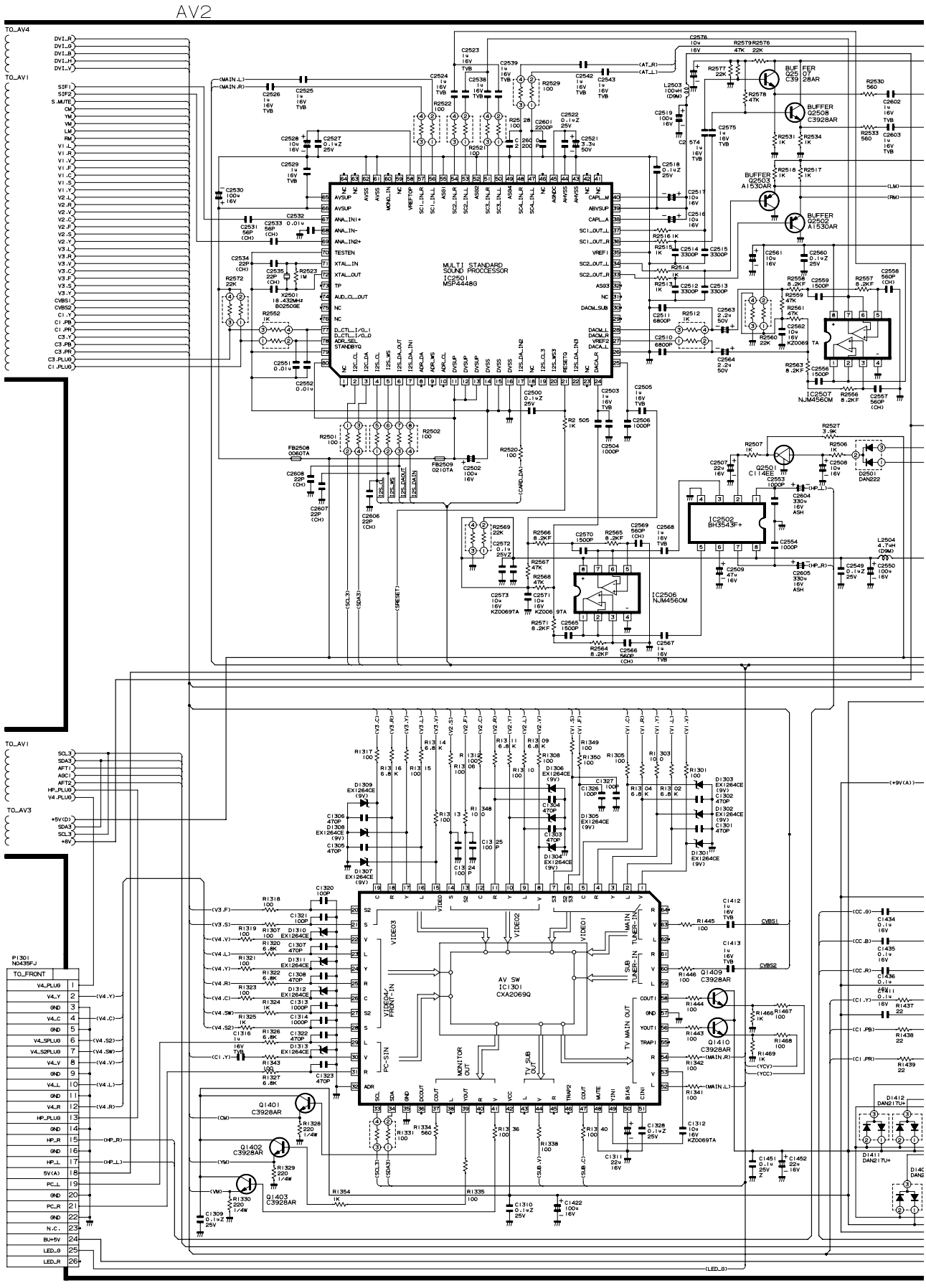
■ AV Unit-1/5 (AVC System)

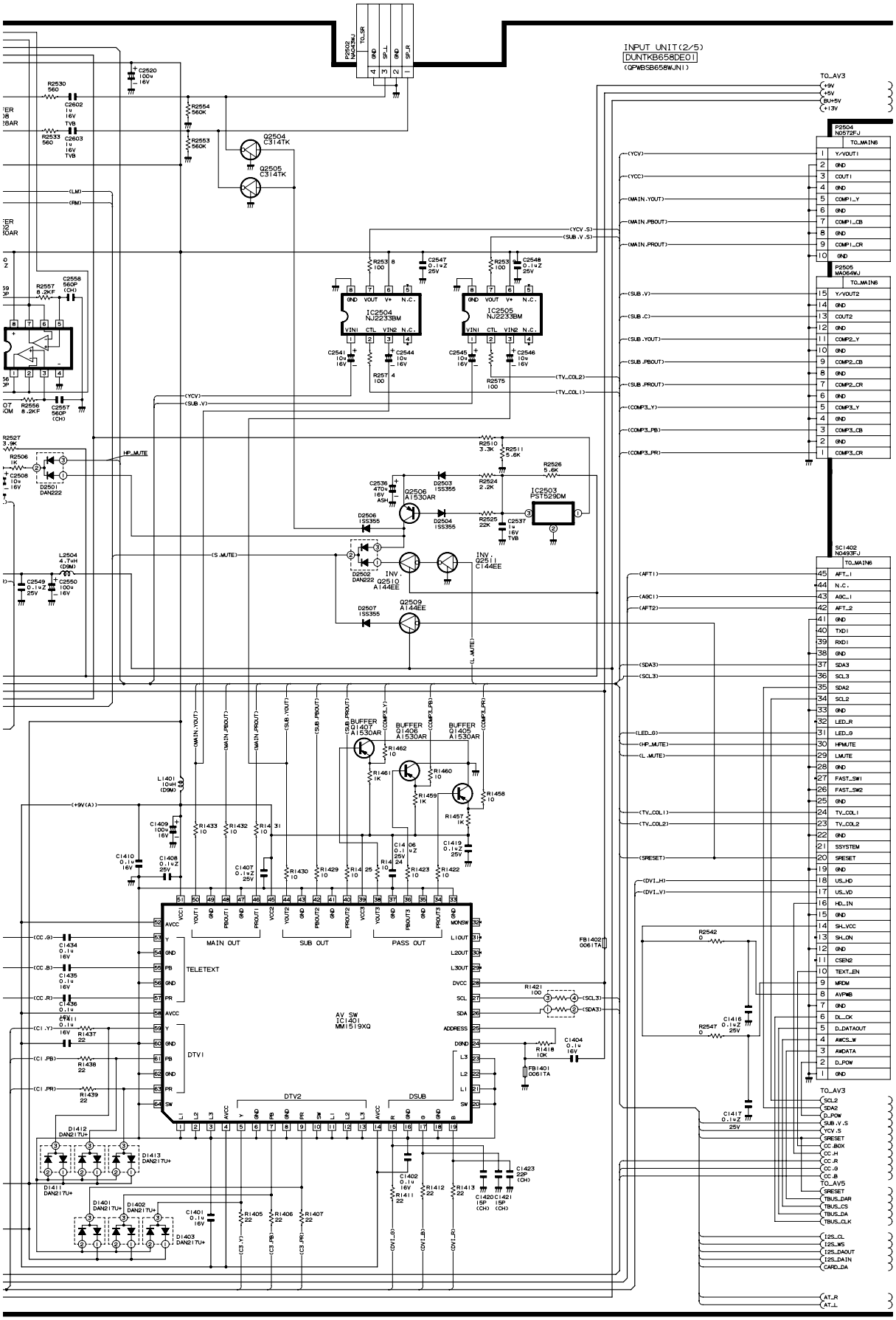




10	11	12	13	14	15	16	17	18	19

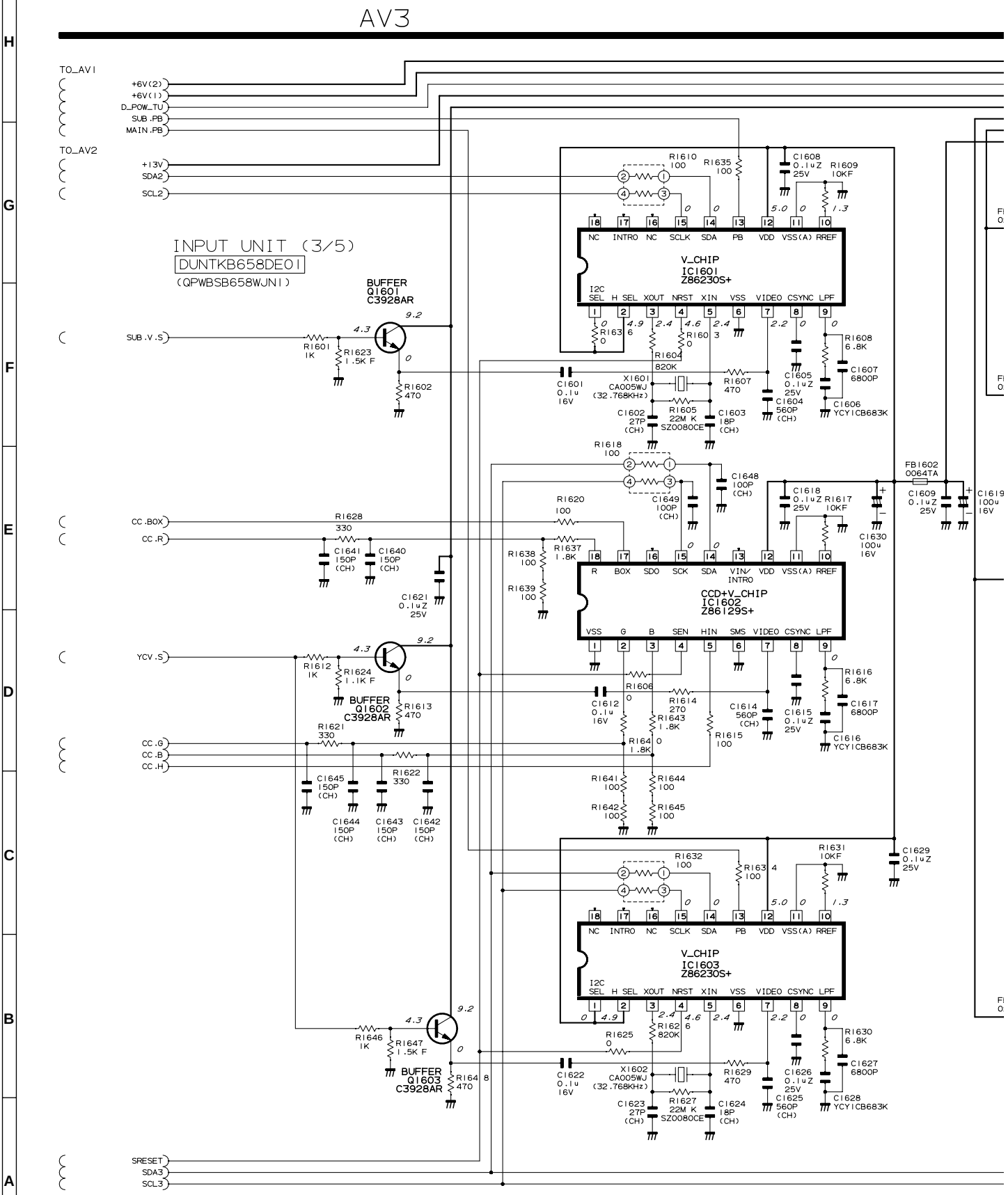
■ AV Unit-2/5 (AVC System)

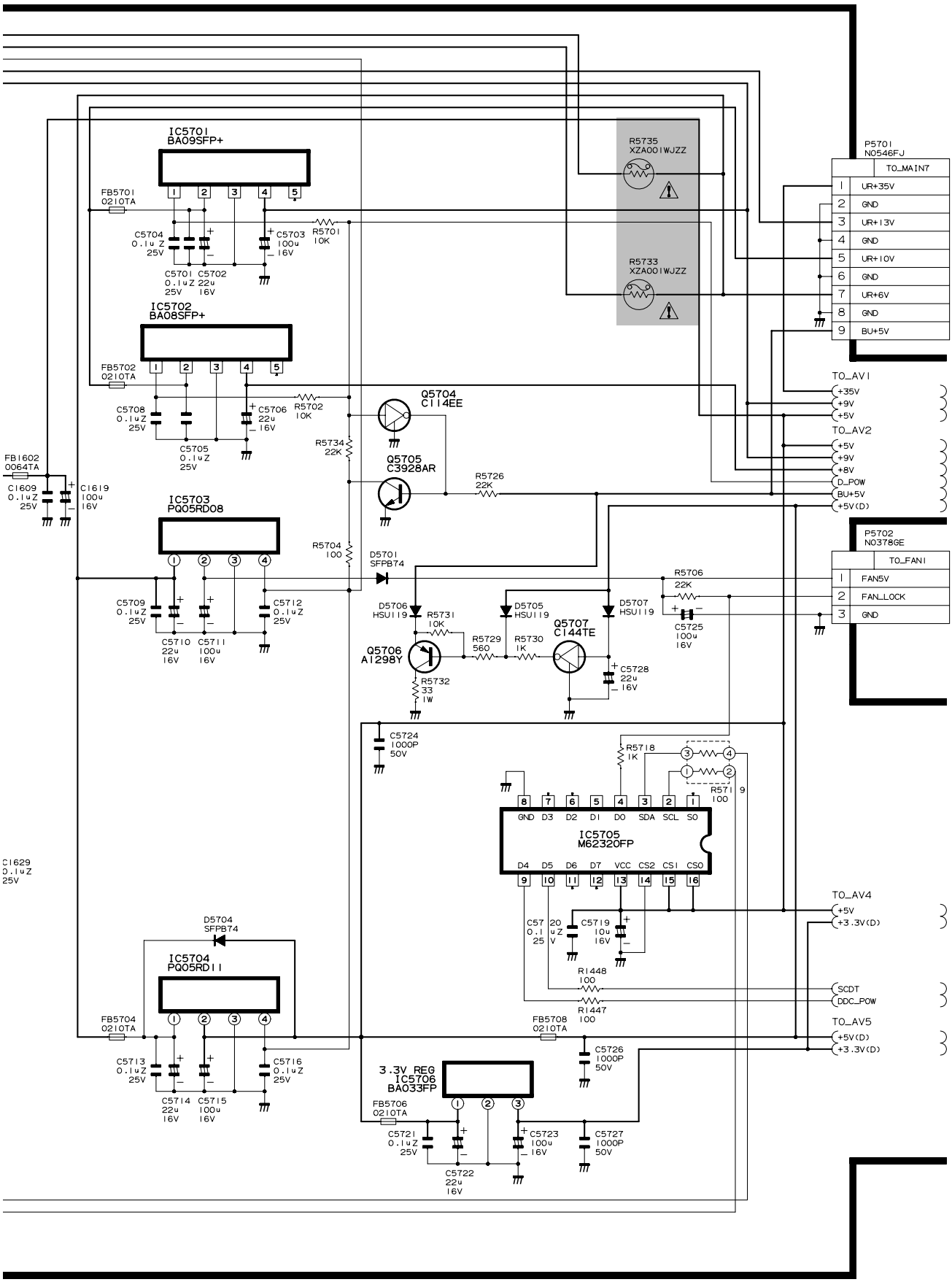




10	11	12	13	14	15	16	17	18	19

■ AV Unit-3/5 (AVC System)

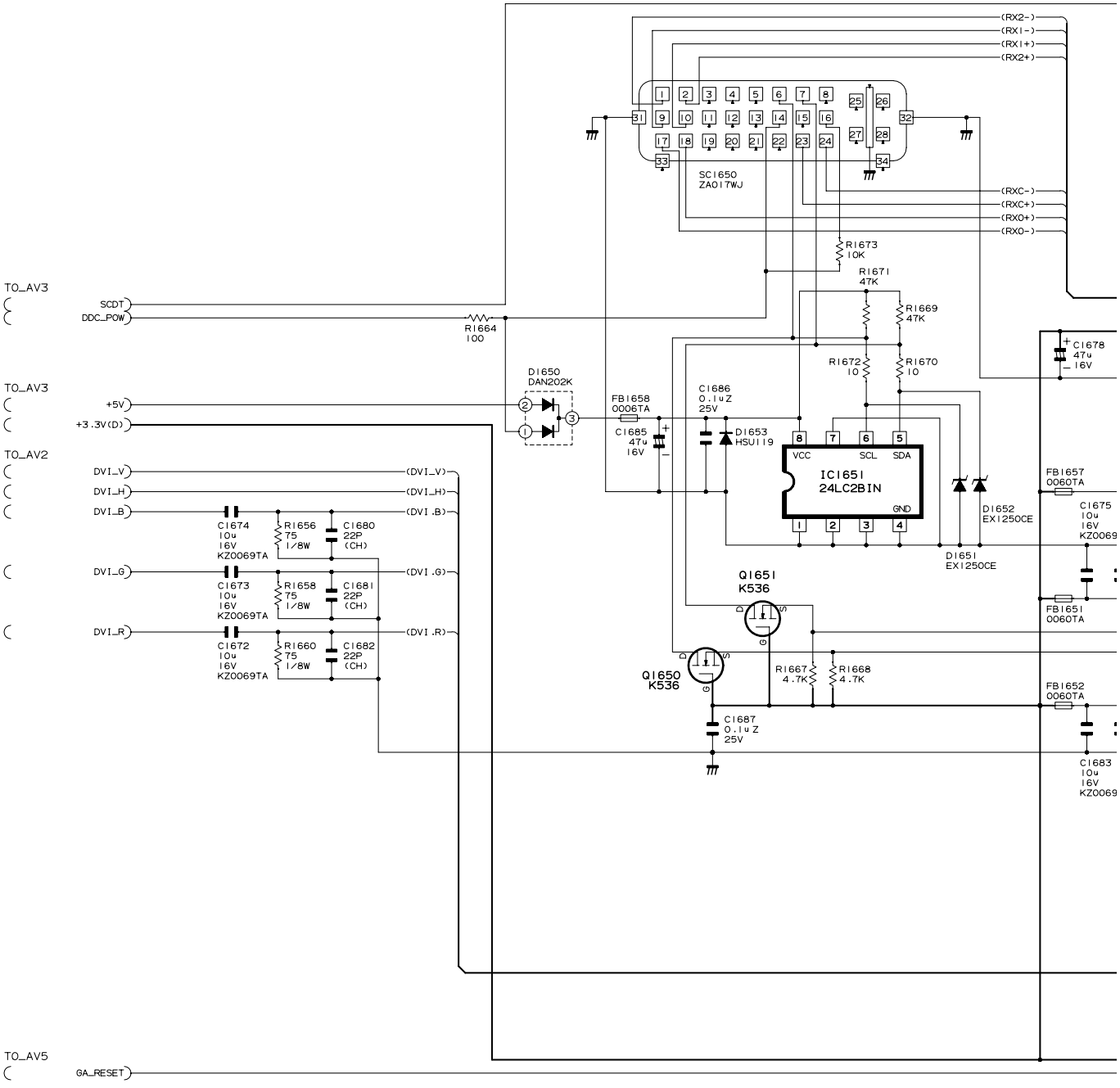


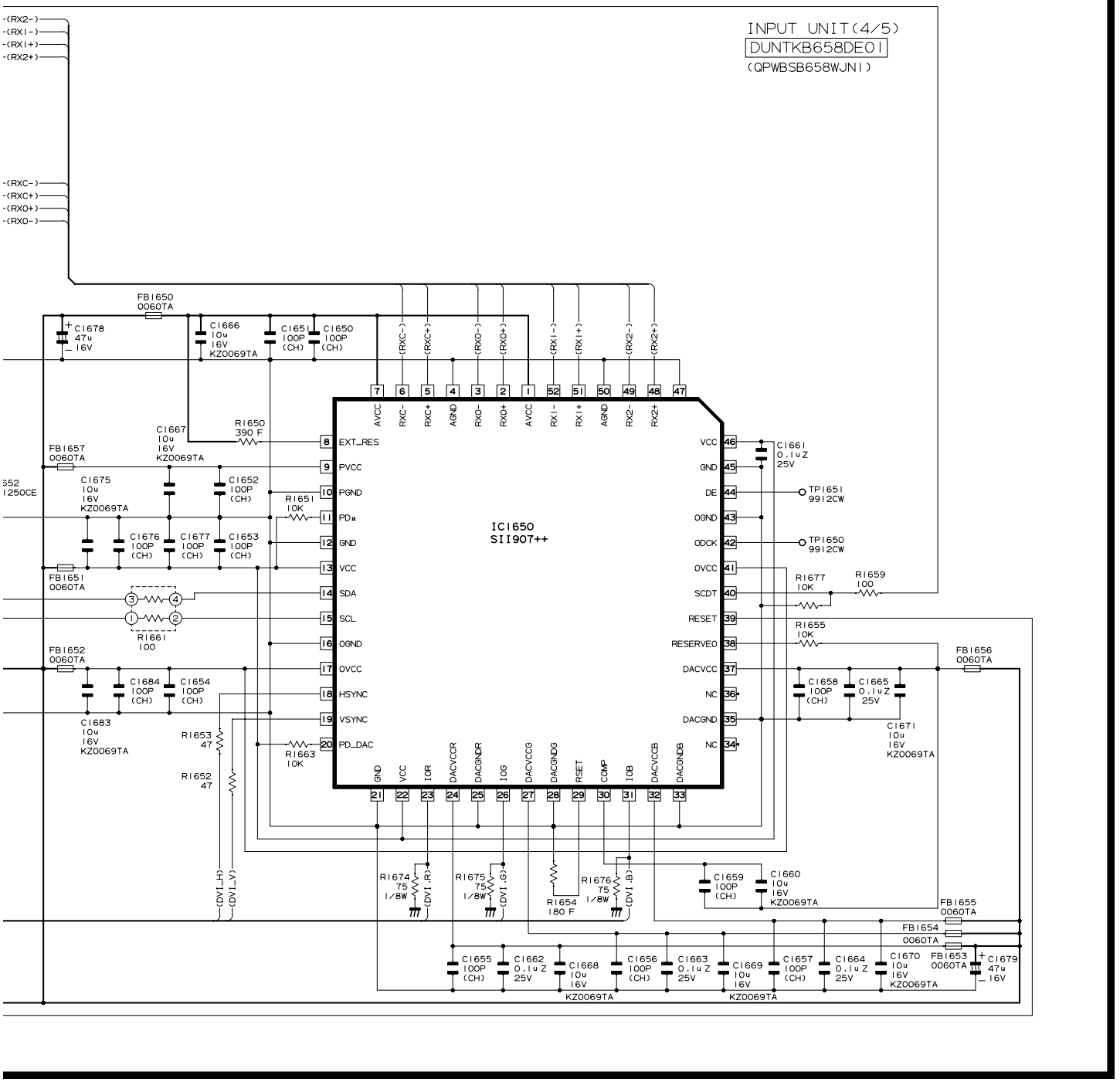


10	11	12	13	14	15	16	17	18	19

■ AV Unit-4/5 (AVC System)

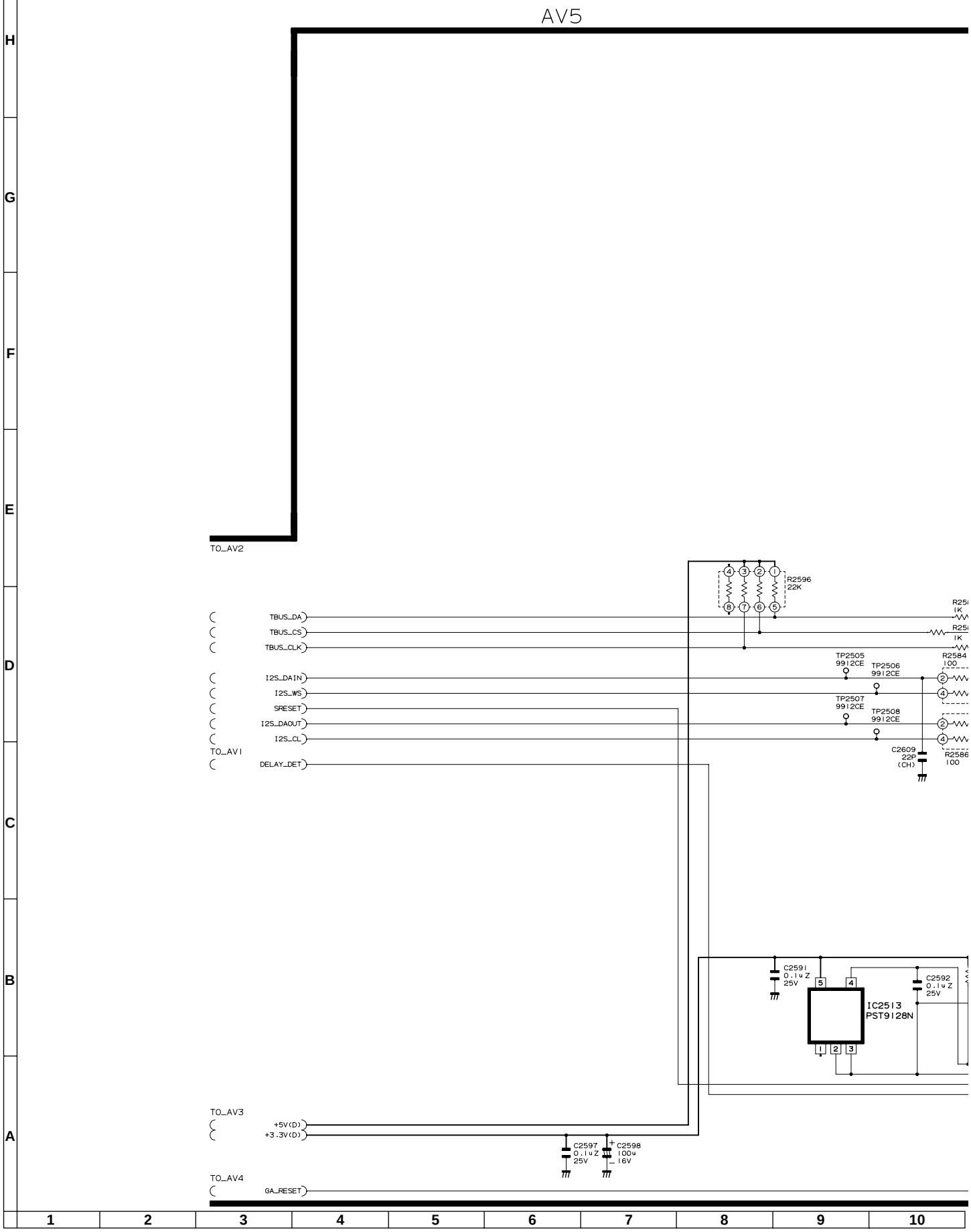
AV4



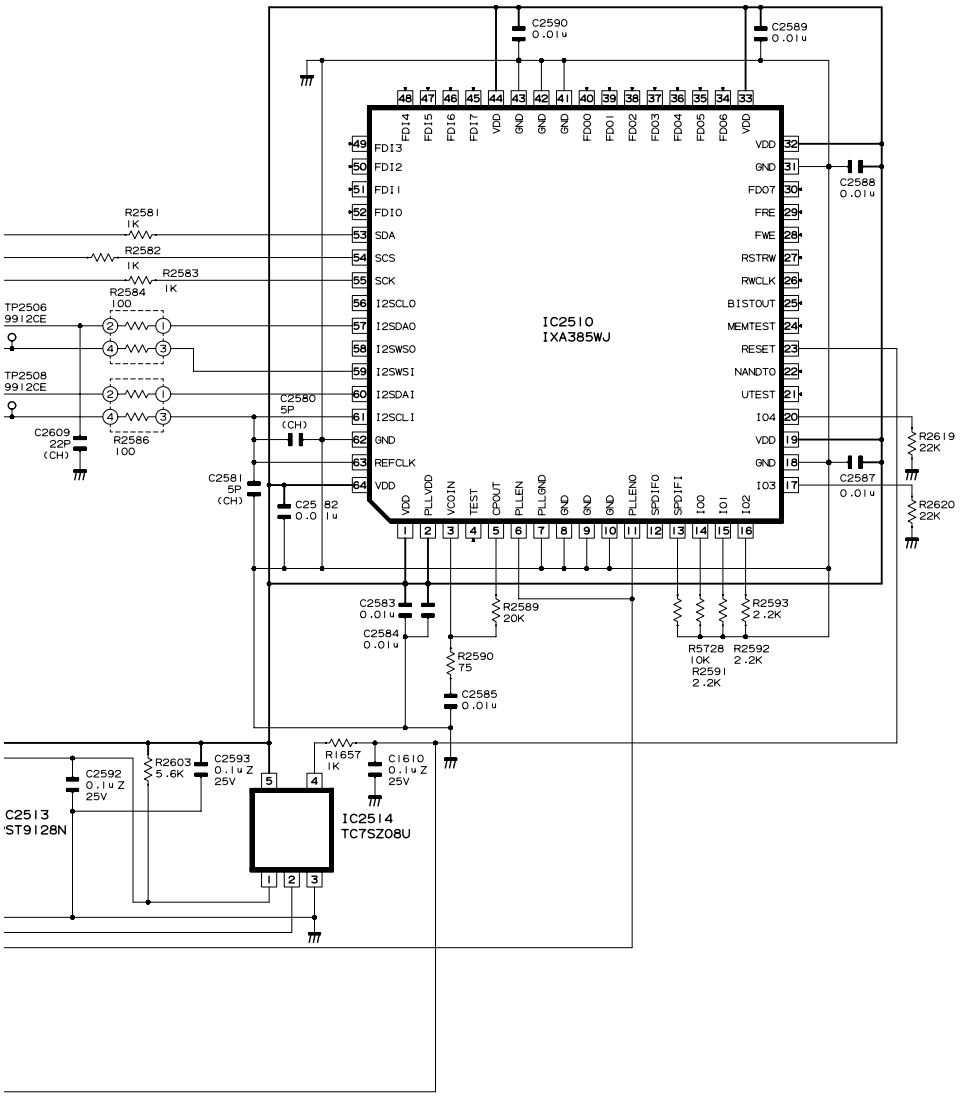


10	11	12	13	14	15	16	17	18	19

■ AV Unit-5/5 (AVC System)

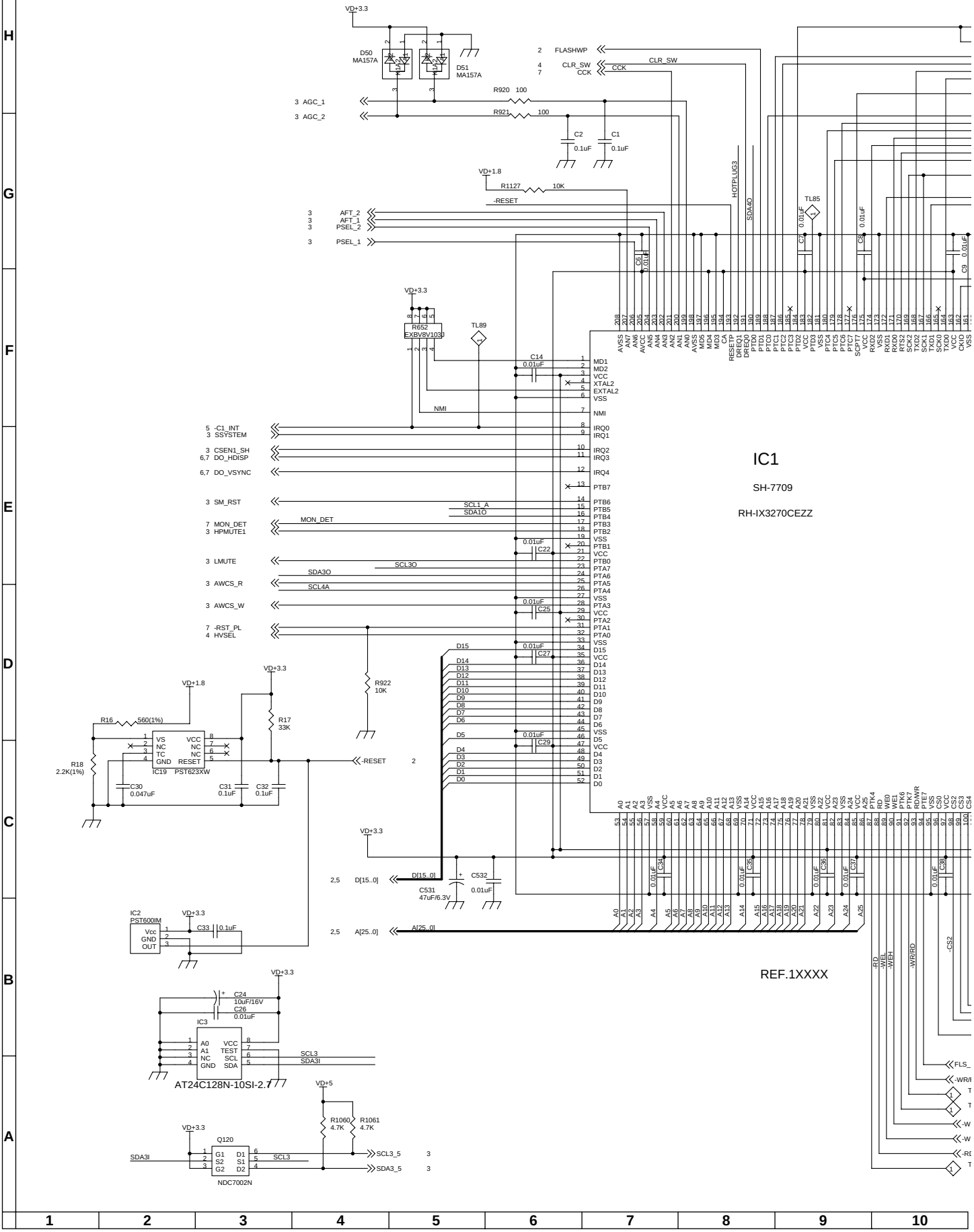


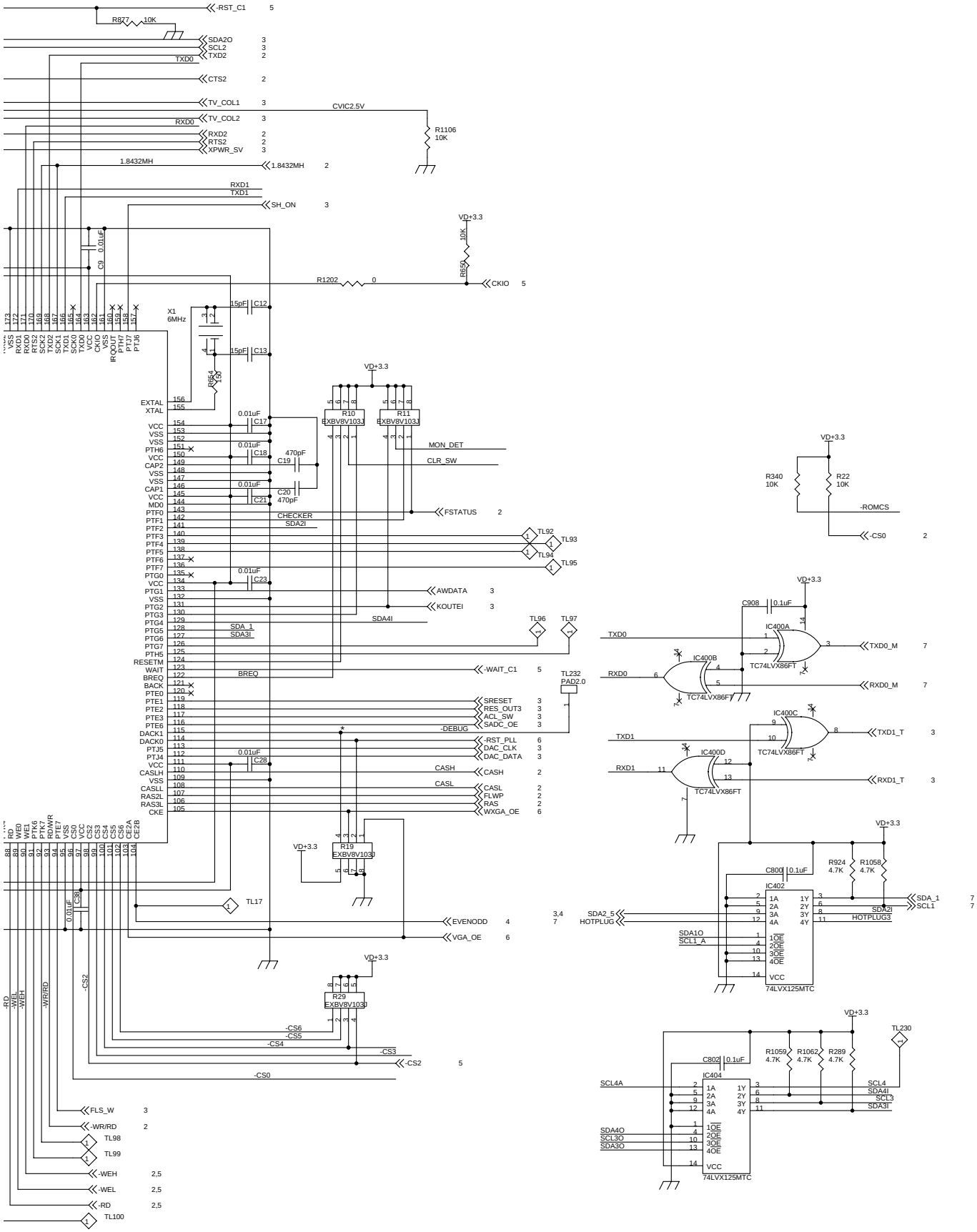
INPUT UNIT (5/5)
DUNTKB658DE01
(QPWBSB658WJN1)



10	11	12	13	14	15	16	17	18	19

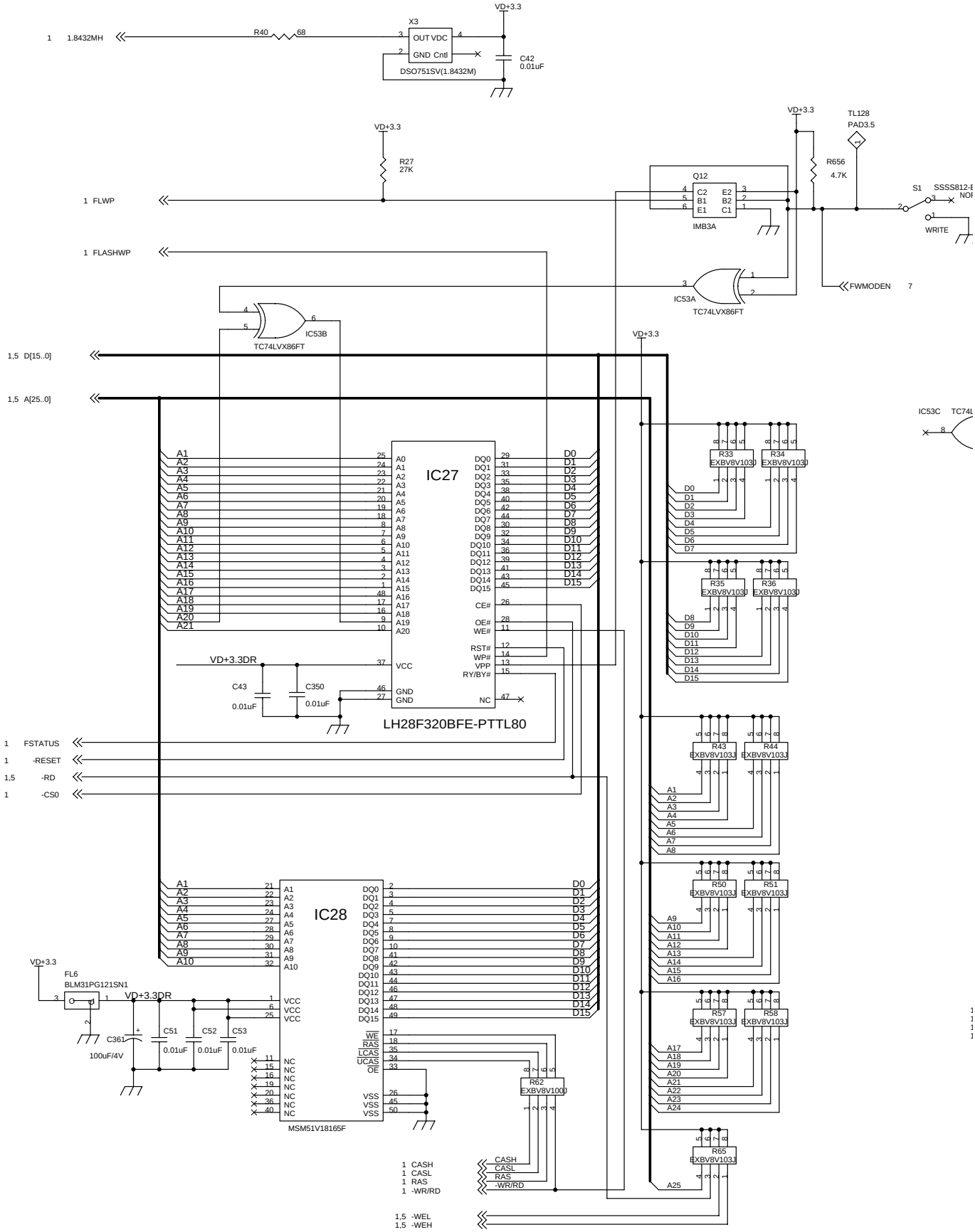
■ PC I/F Unit-1/7 (AVC System)

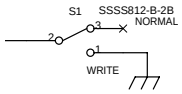




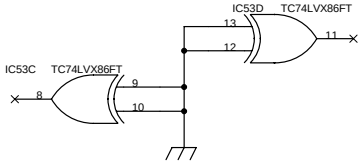
10	11	12	13	14	15	16	17	18	19

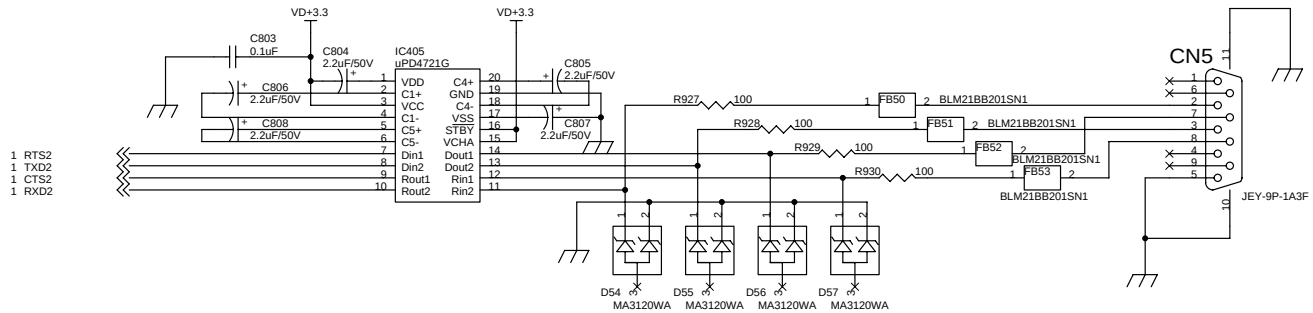
■ PC I/F Unit-2/7 (AVC System)





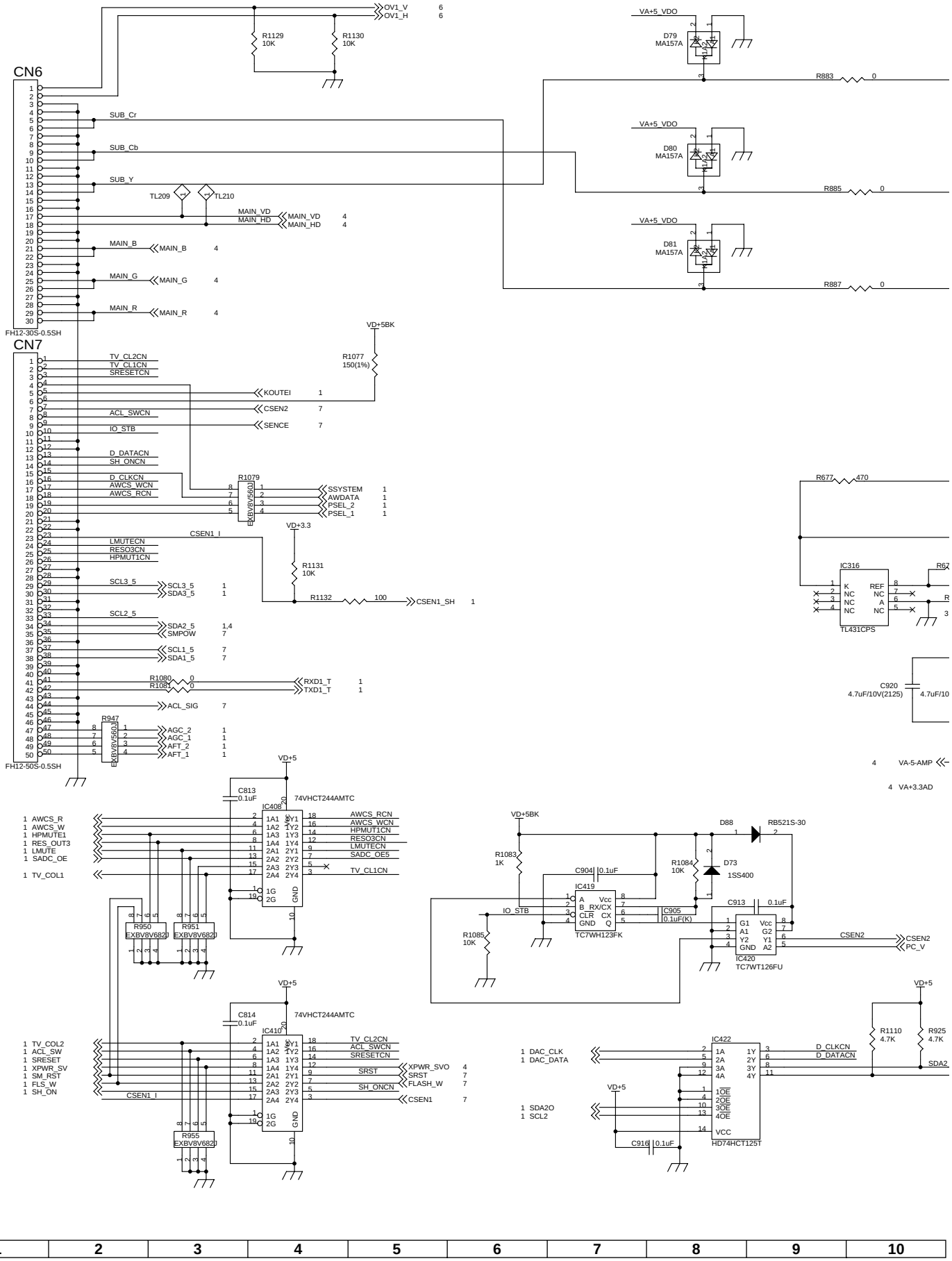
ODEN 7

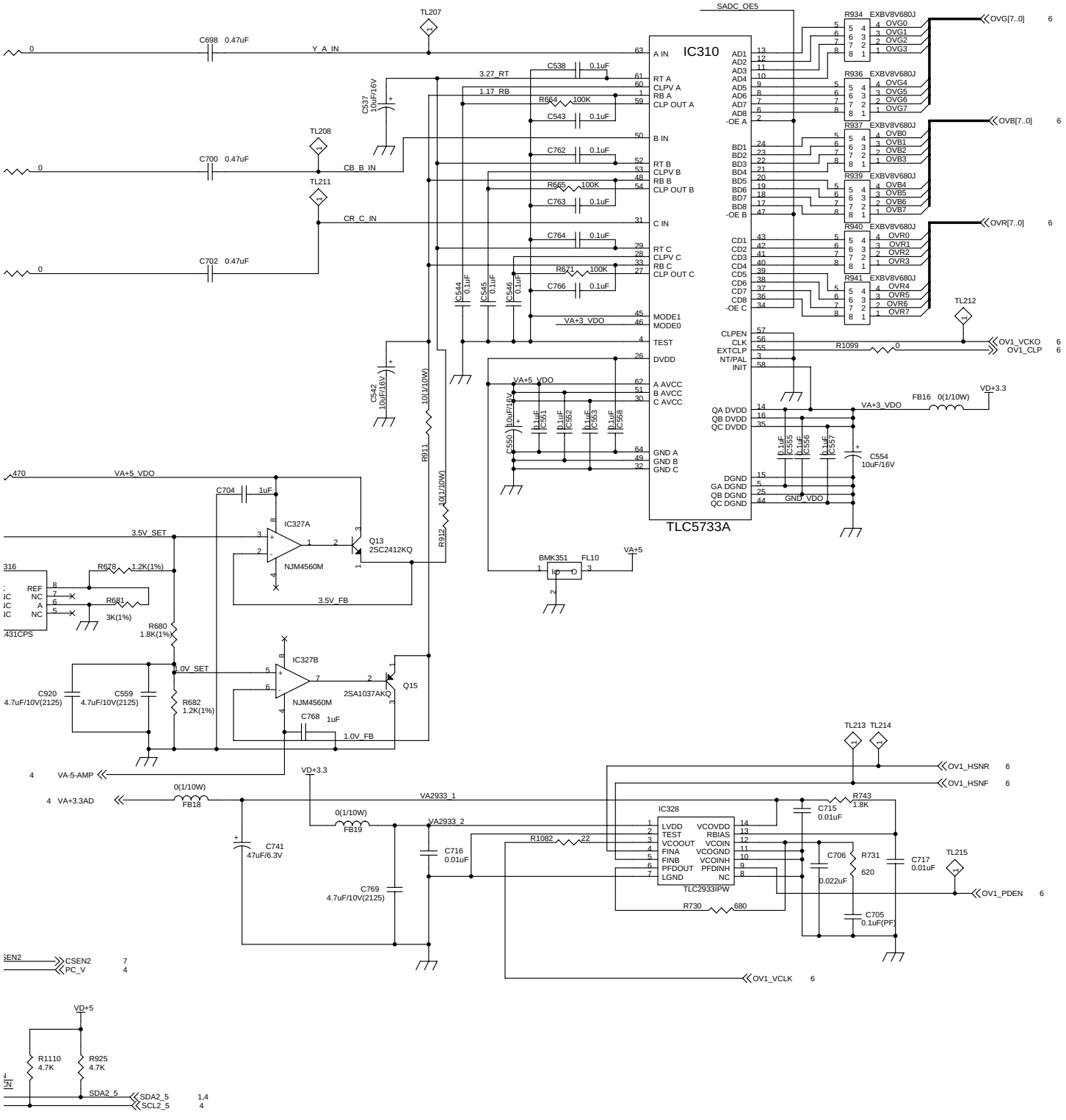




10	11	12	13	14	15	16	17	18	19

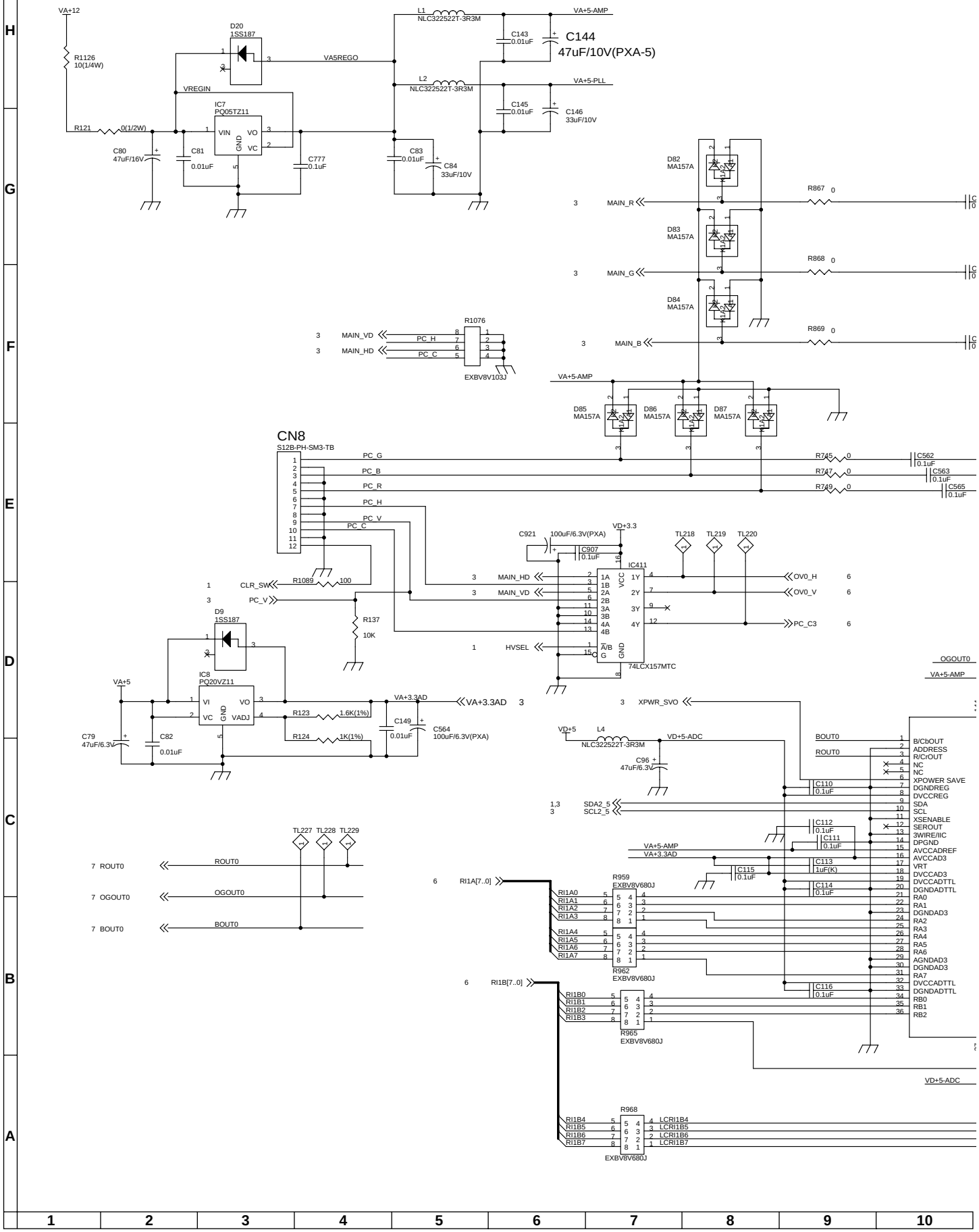
■ PC I/F Unit-3/7 (AVC System)

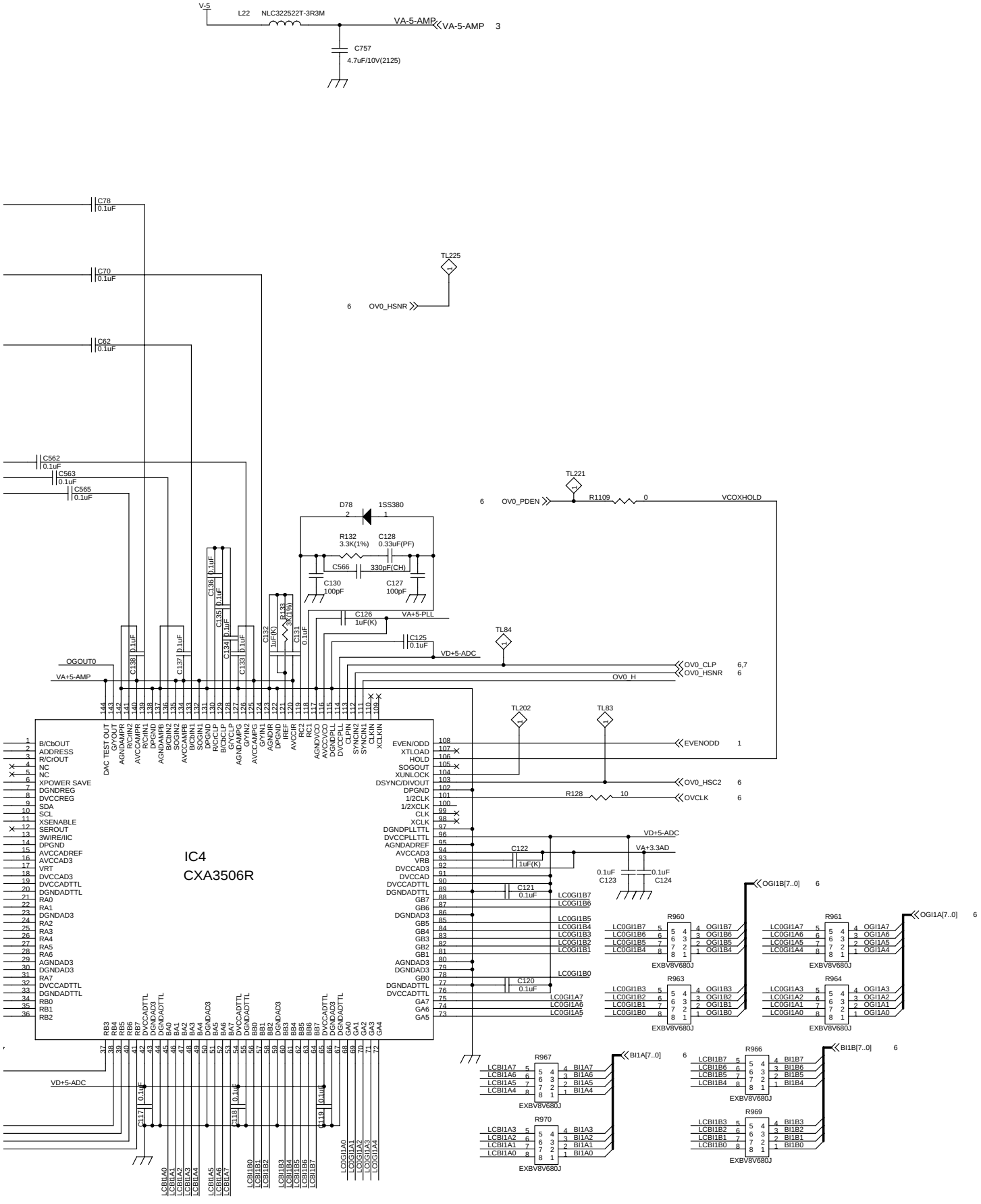




10	11	12	13	14	15	16	17	18	19

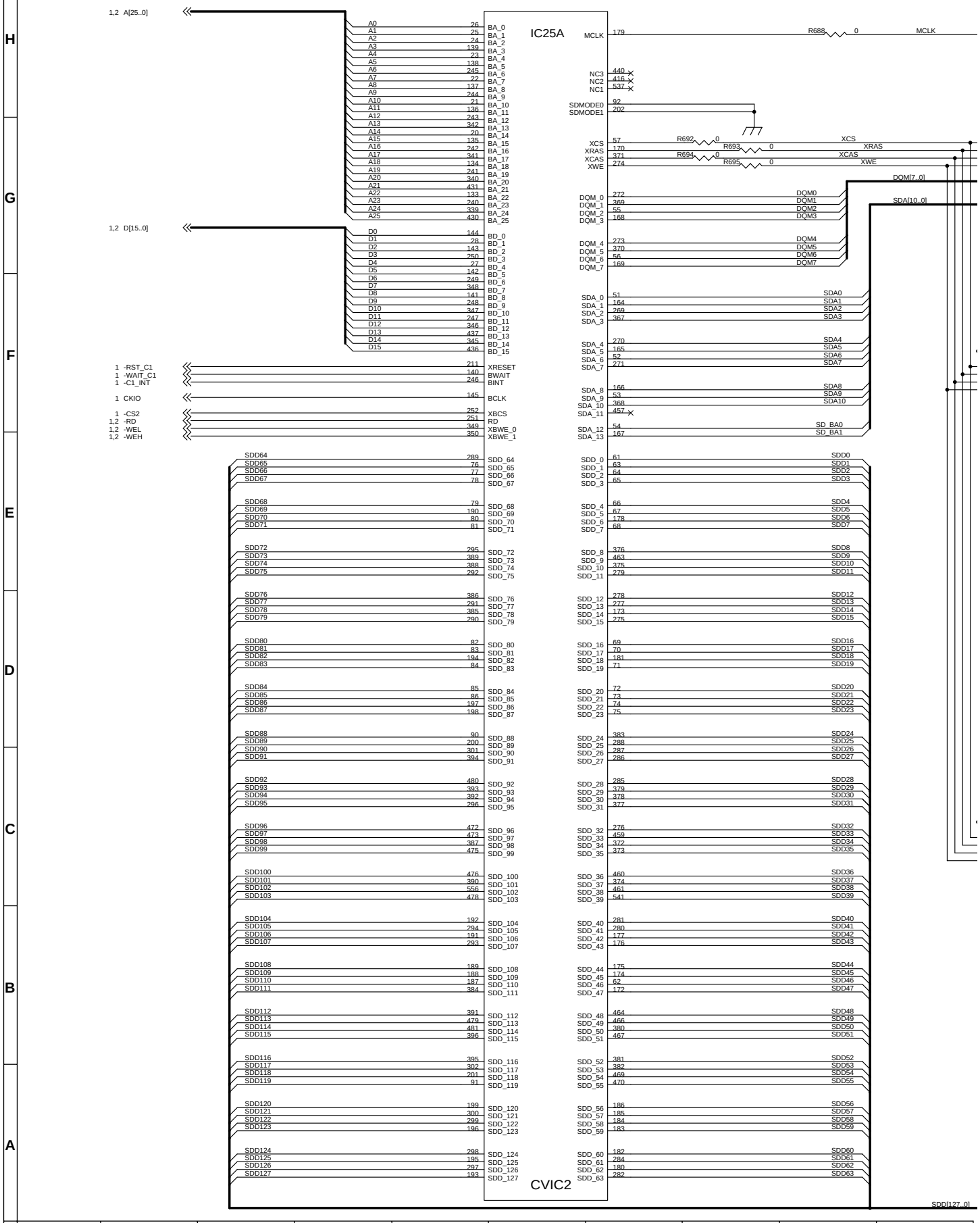
■ PC I/F Unit-4/7 (AVC System)

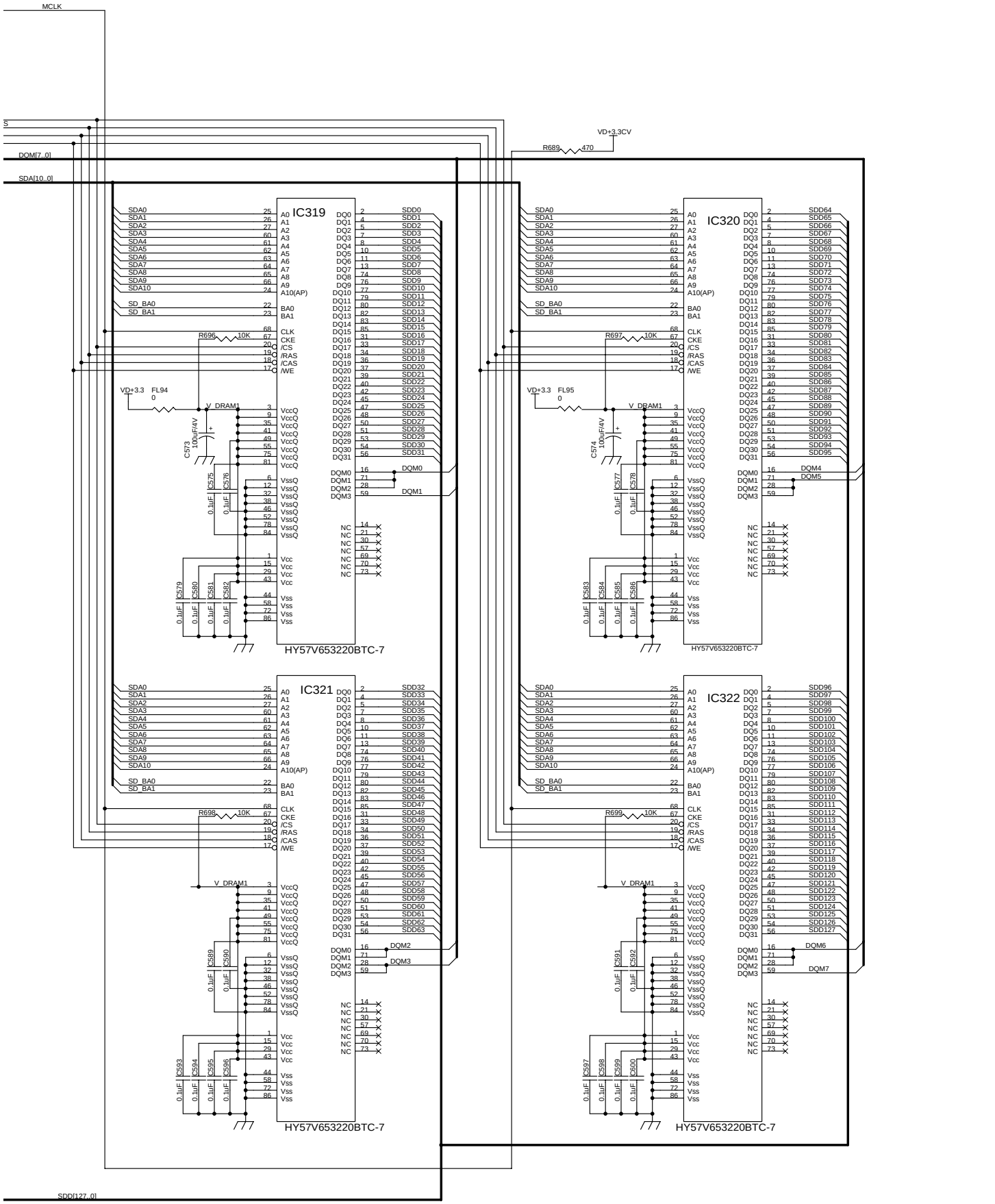




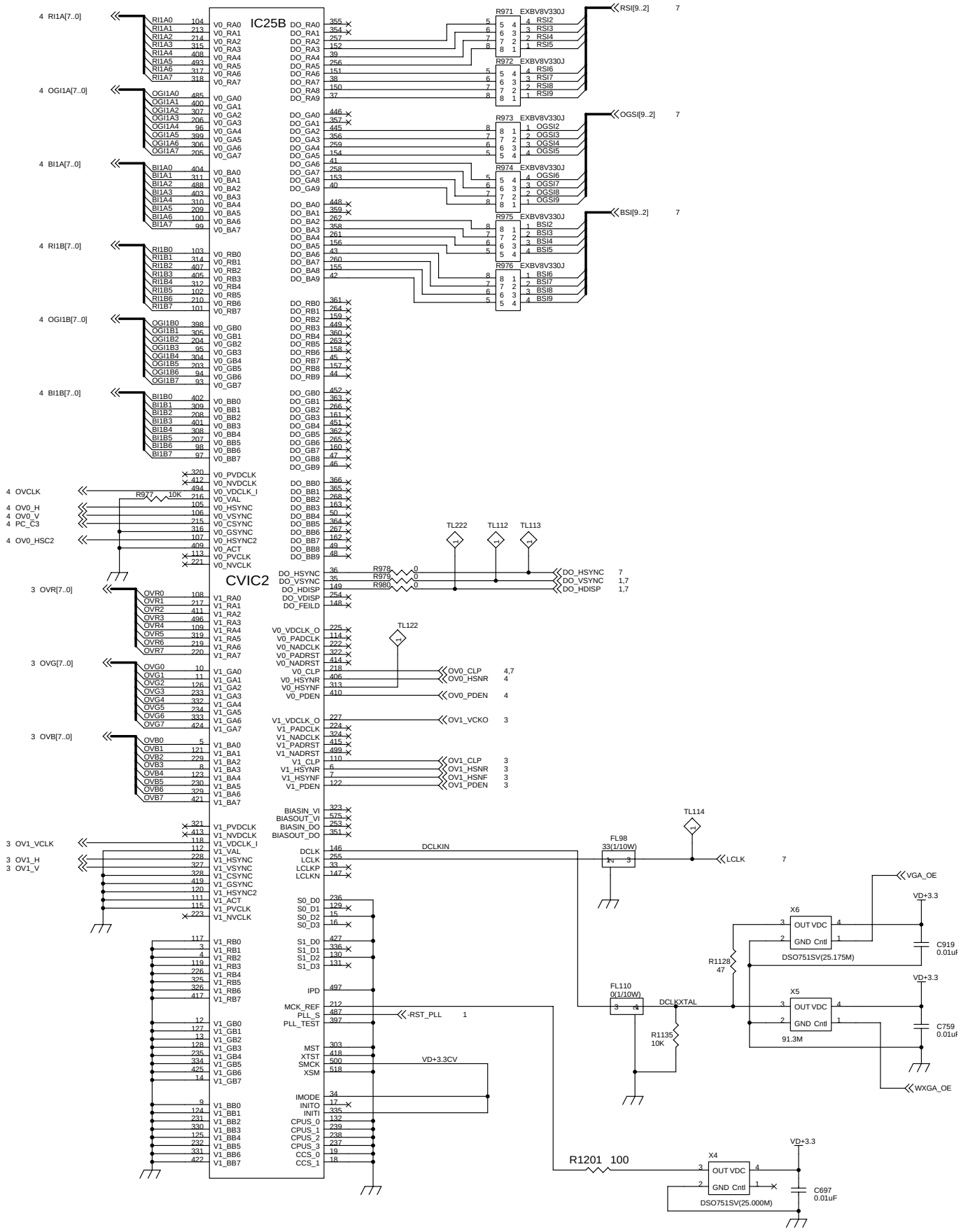
10	11	12	13	14	15	16	17	18	19

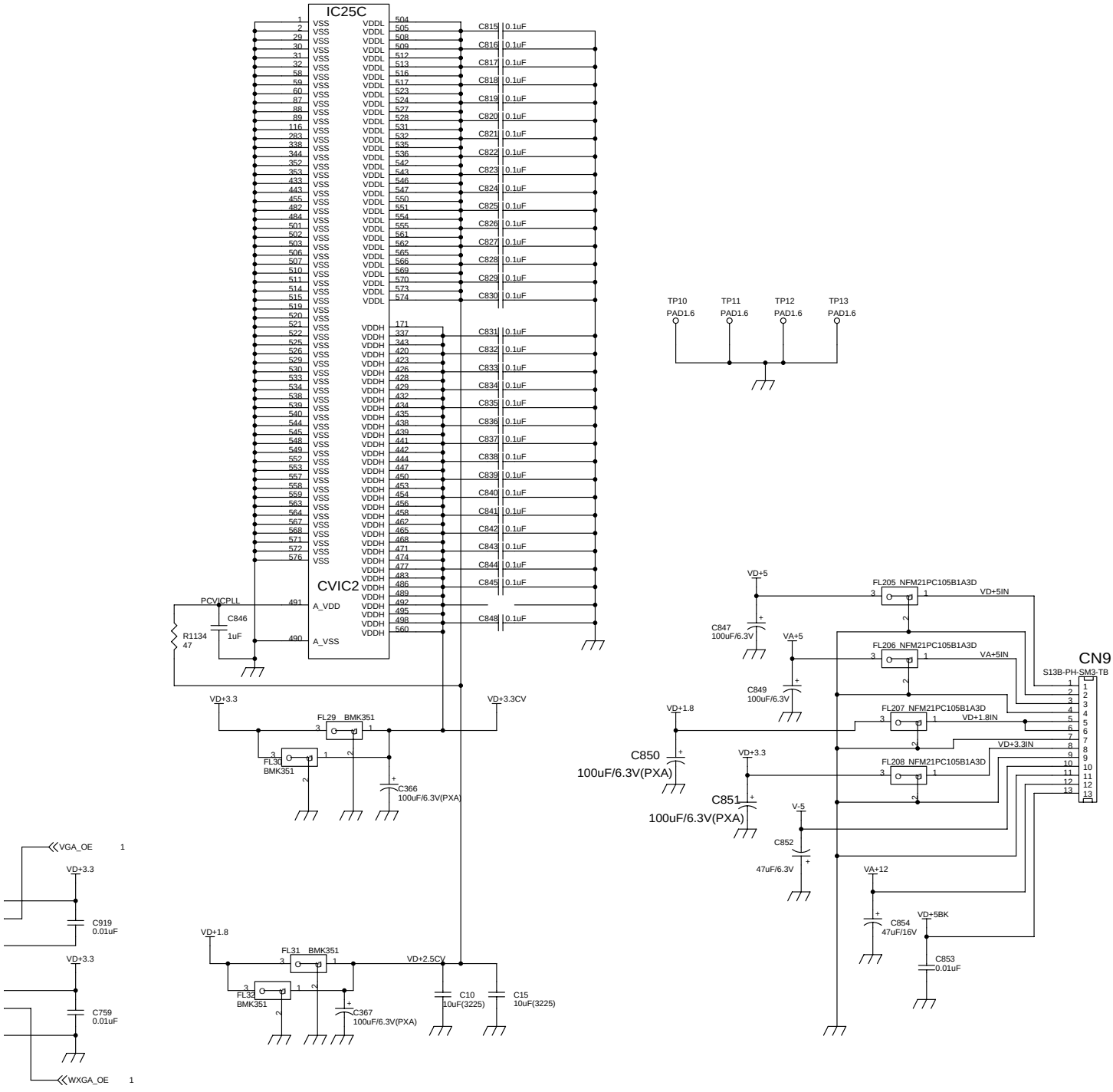
■ PC I/F Unit-5/7 (AVC System)




MCLK
DQM[7..0]
SDA[10..0]
VD+3.3CV
R689 470
IC319
IC320
IC321
IC322
HY57V653220BTC-7
R696 10K
R697 10K
R698 10K
R699 10K
V_DRAM1
VD+3.3 FL94 0
VD+3.3 FL95 0
C573 100uF/4V
C574 100uF/4V
DQM0
DQM1
DQM2
DQM3
DQM4
DQM5
DQM6
DQM7
SDD[127..0]

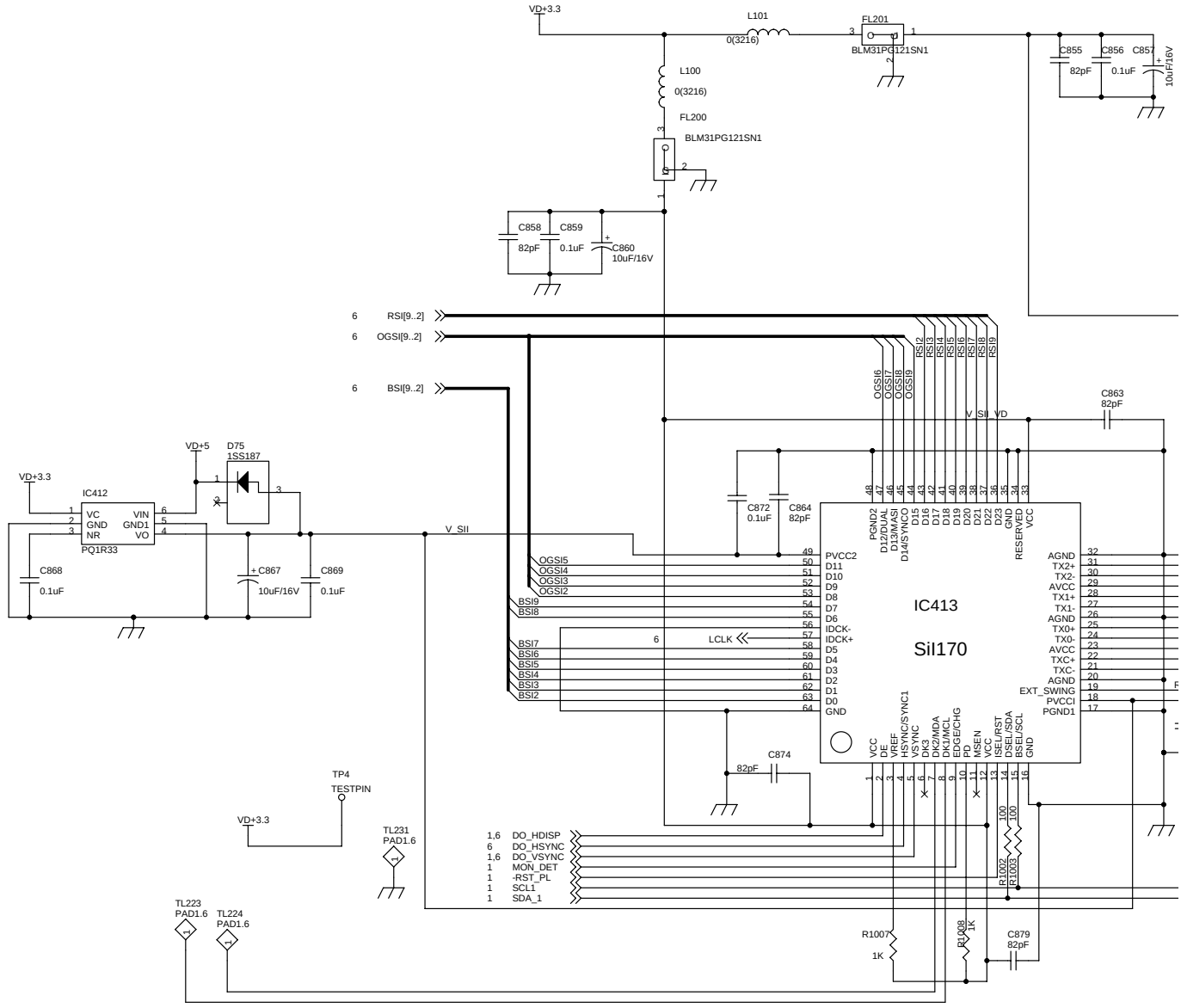
■ PC I/F Unit-6/7 (AVC System)

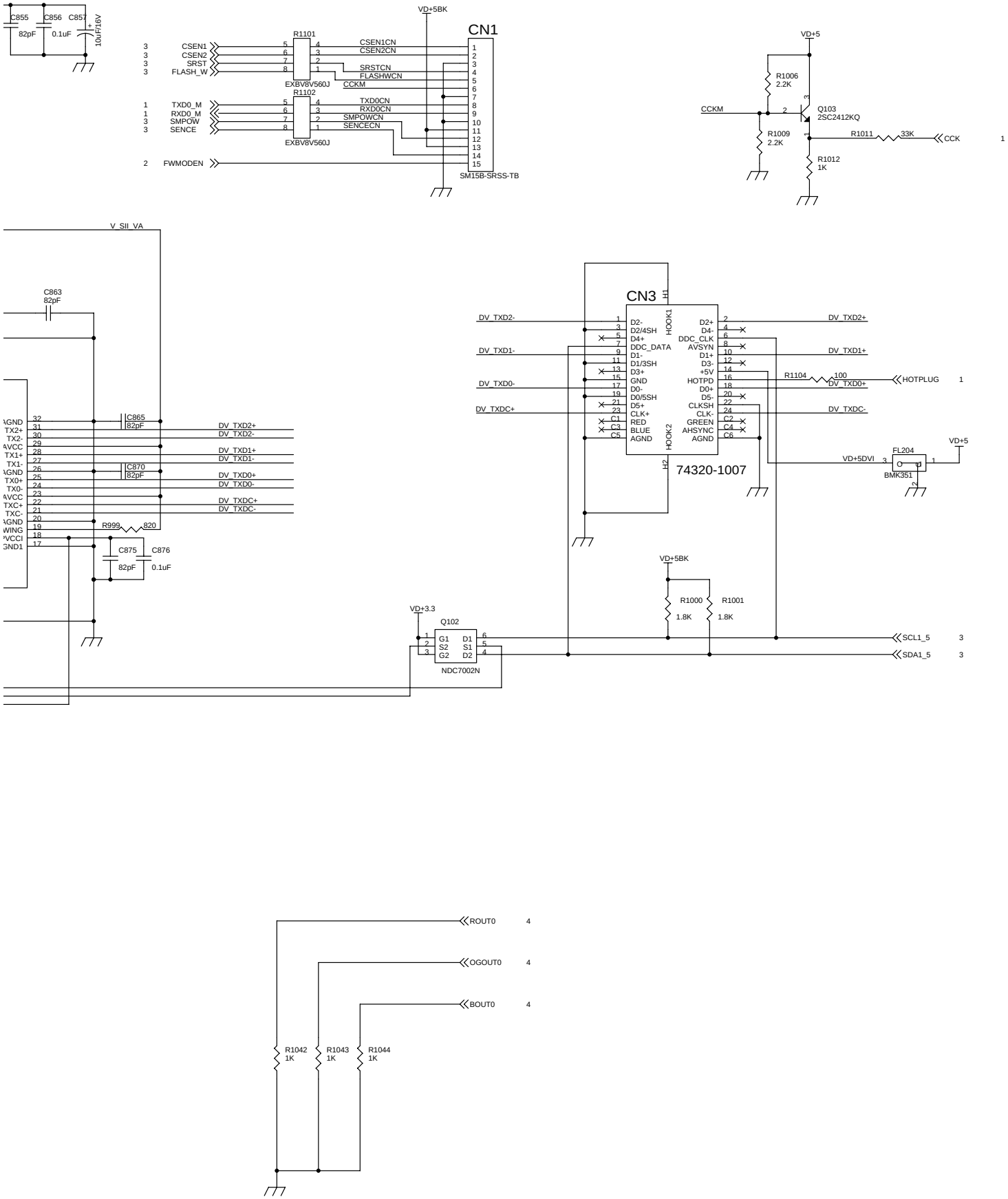




10	11	12	13	14	15	16	17	18	19

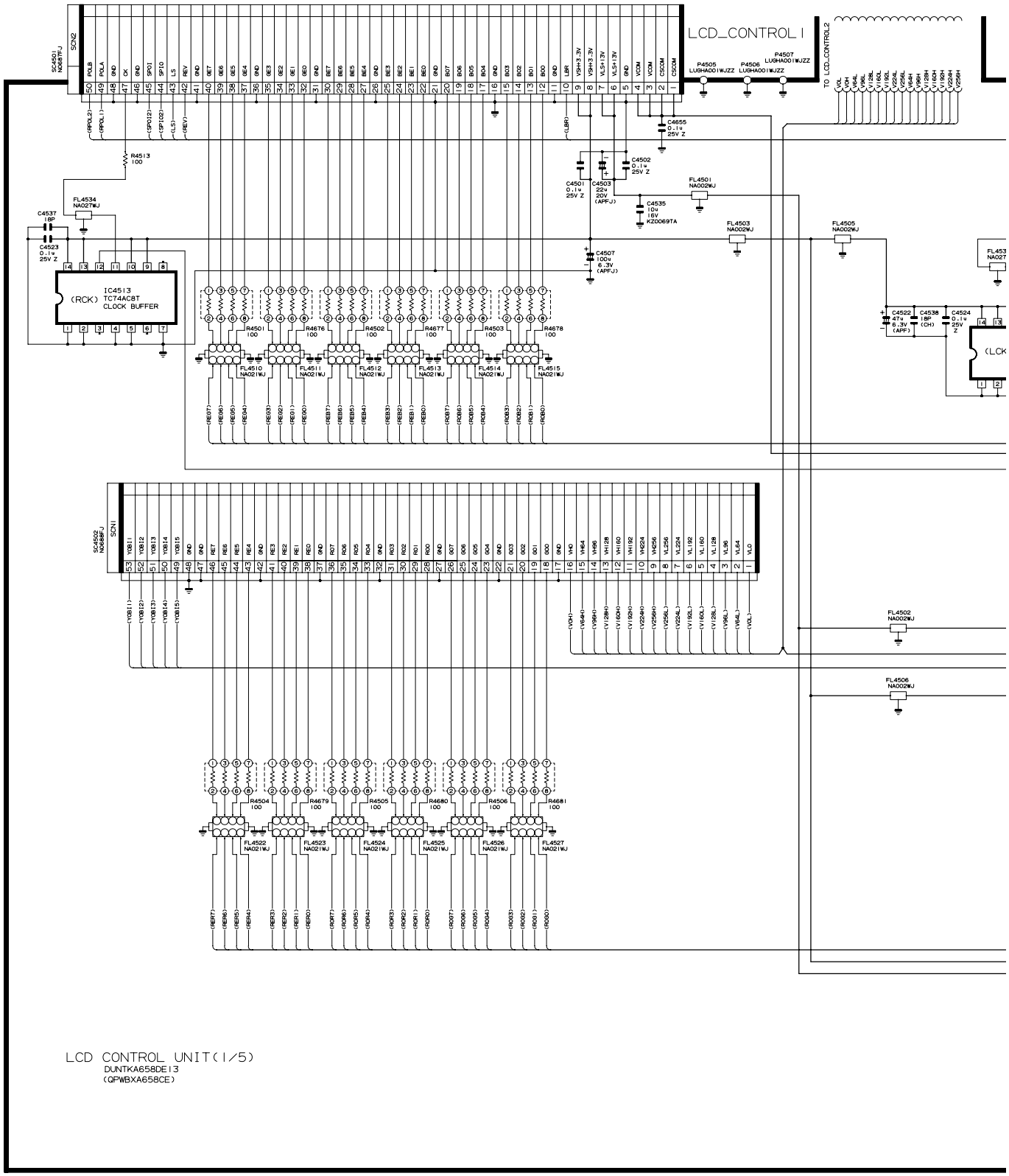
■ PC I/F Unit-7/7 (AVC System)



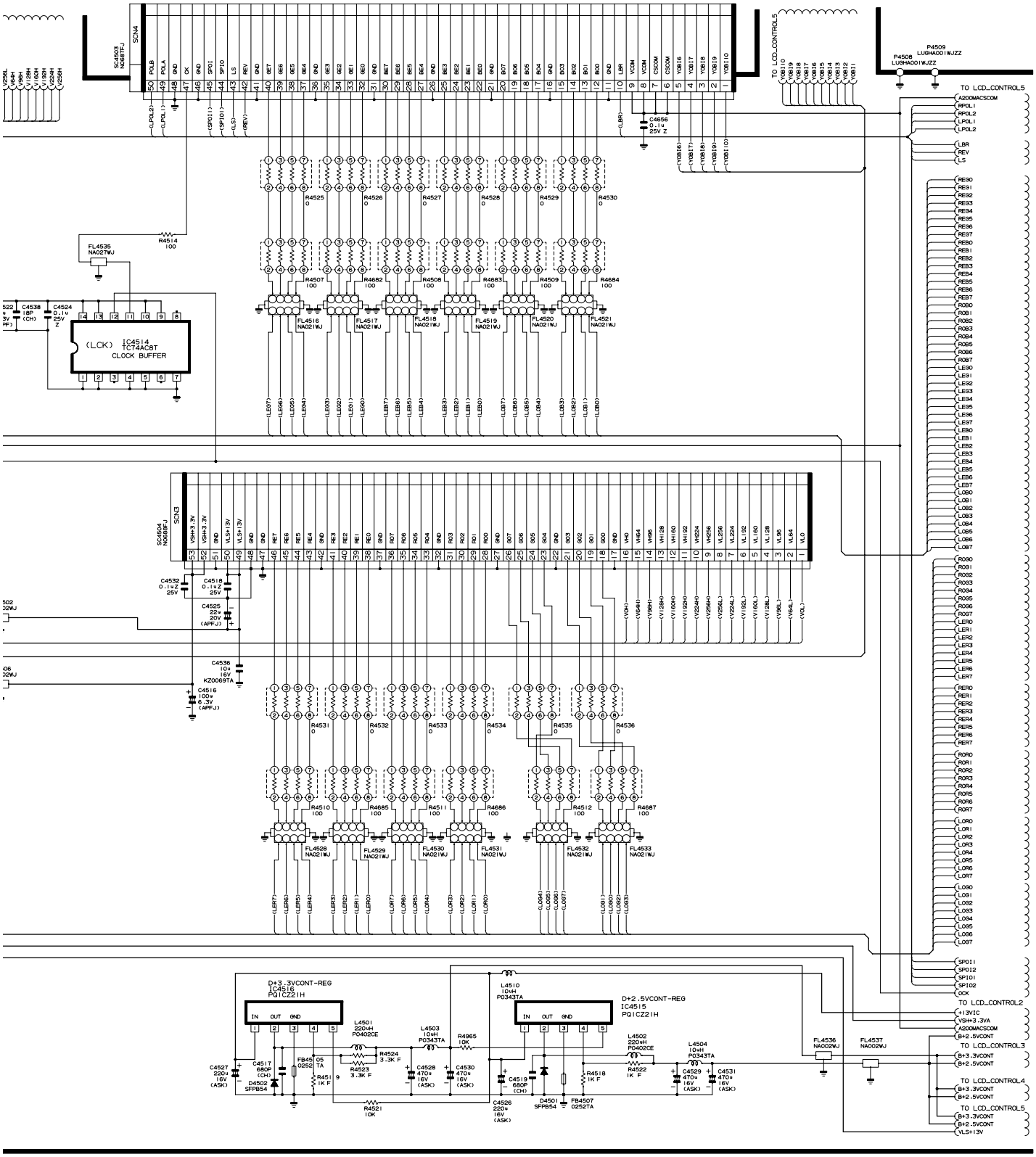


10	11	12	13	14	15	16	17	18	19

■ LCD CONTROL Unit-1/5 (Display)

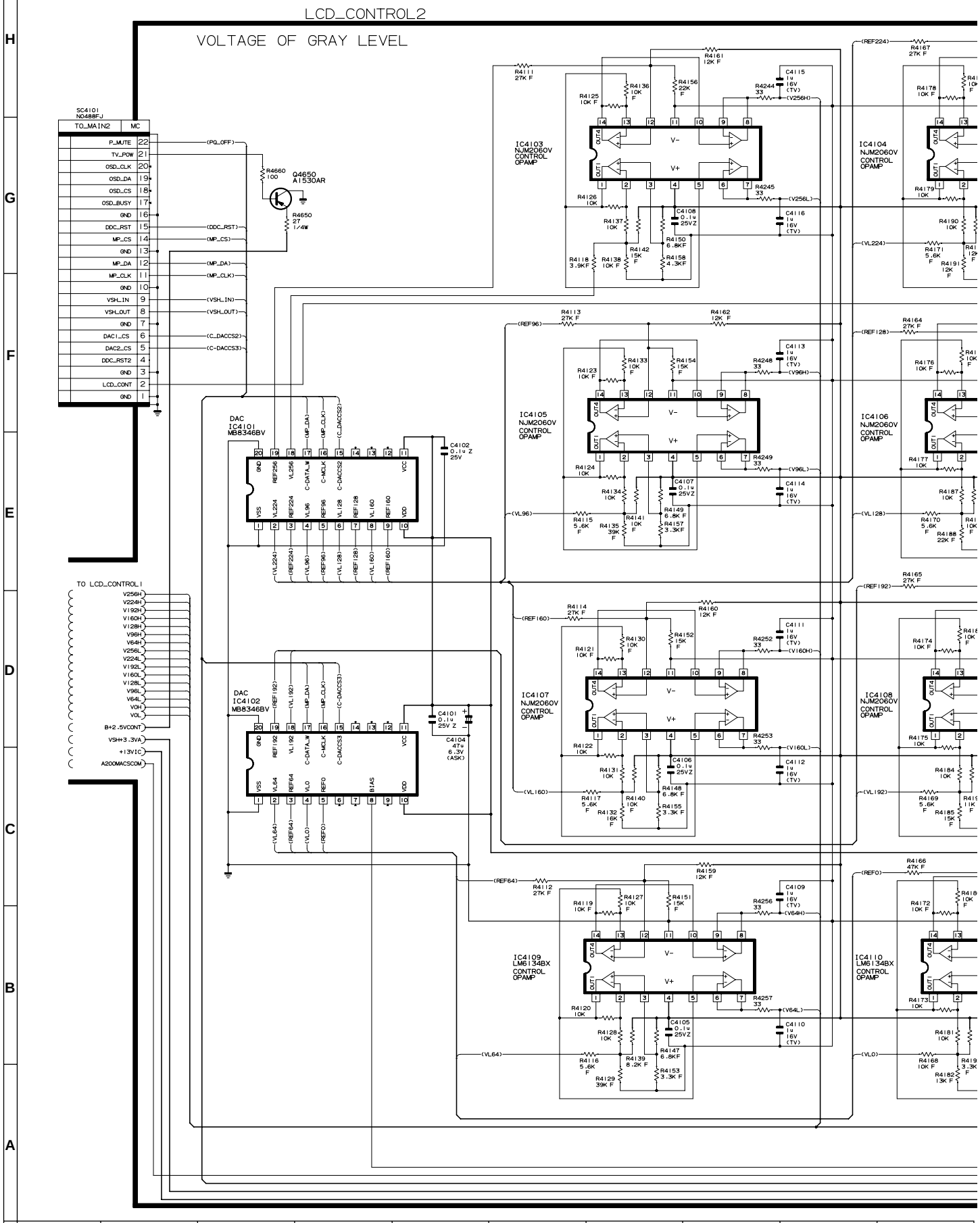


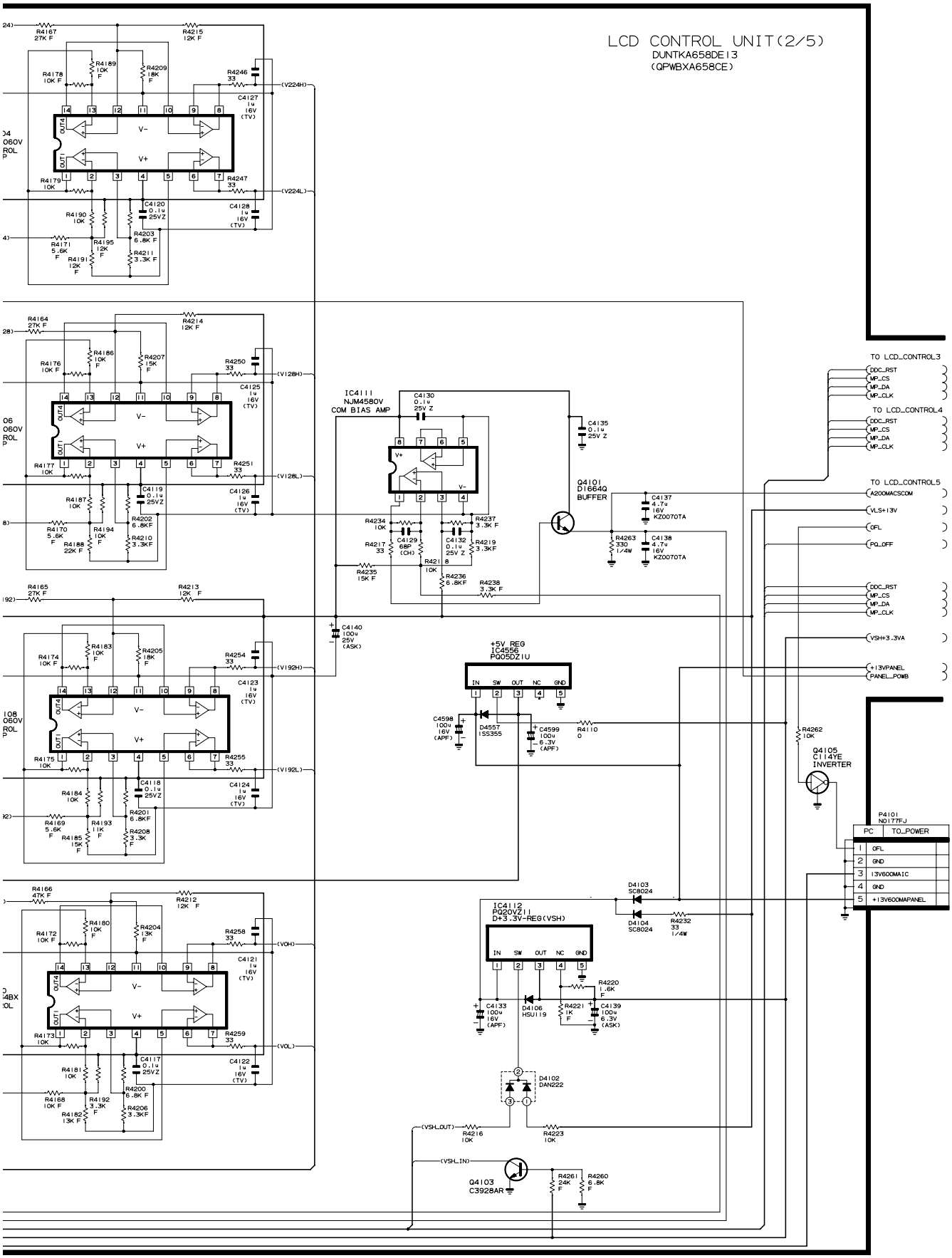
LCD CONTROL UNIT(1/5)
DUNTKA658DE13
(QPWBXA658CE)



10	11	12	13	14	15	16	17	18	19

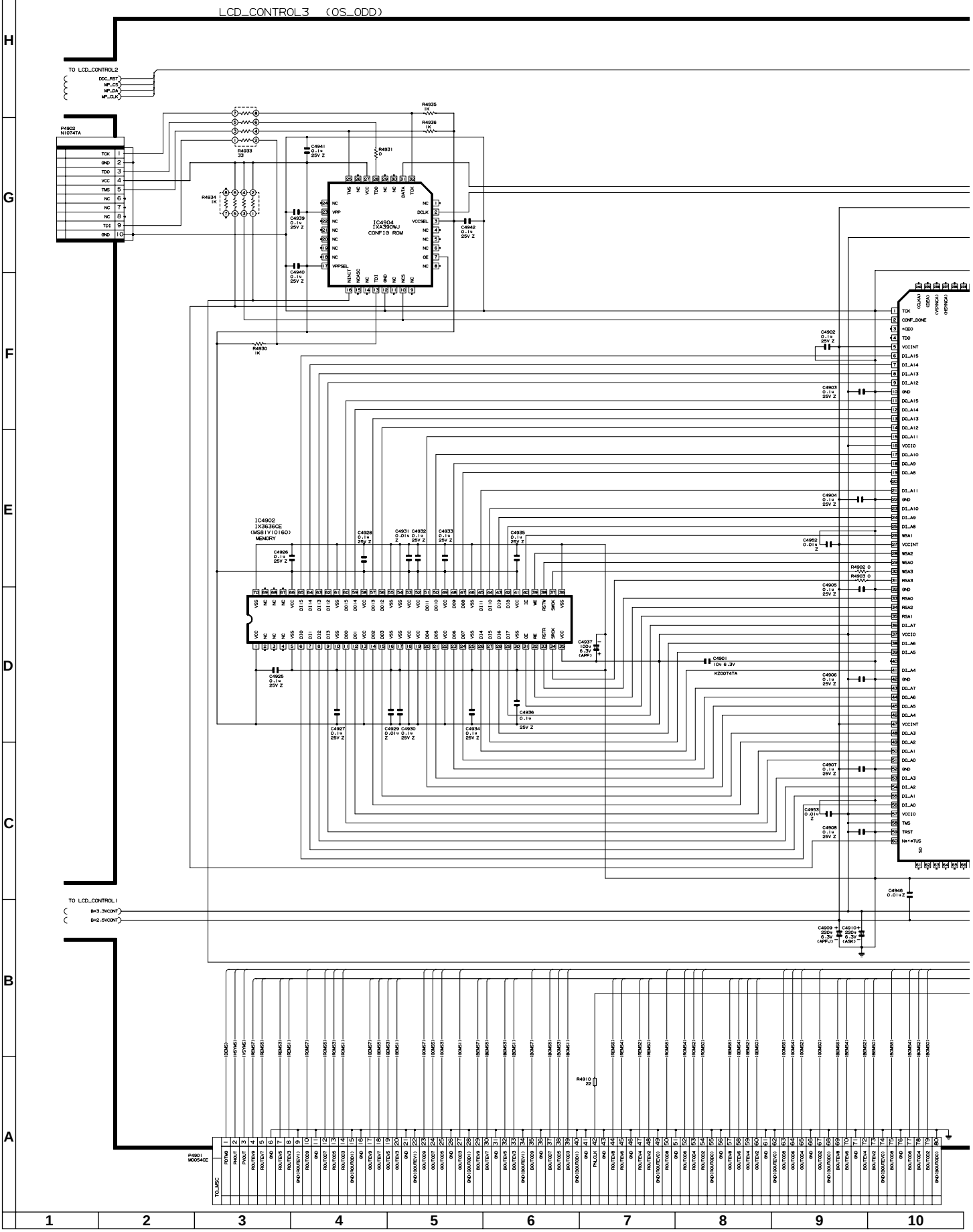
■ LCD CONTROL Unit-2/5 (Display)

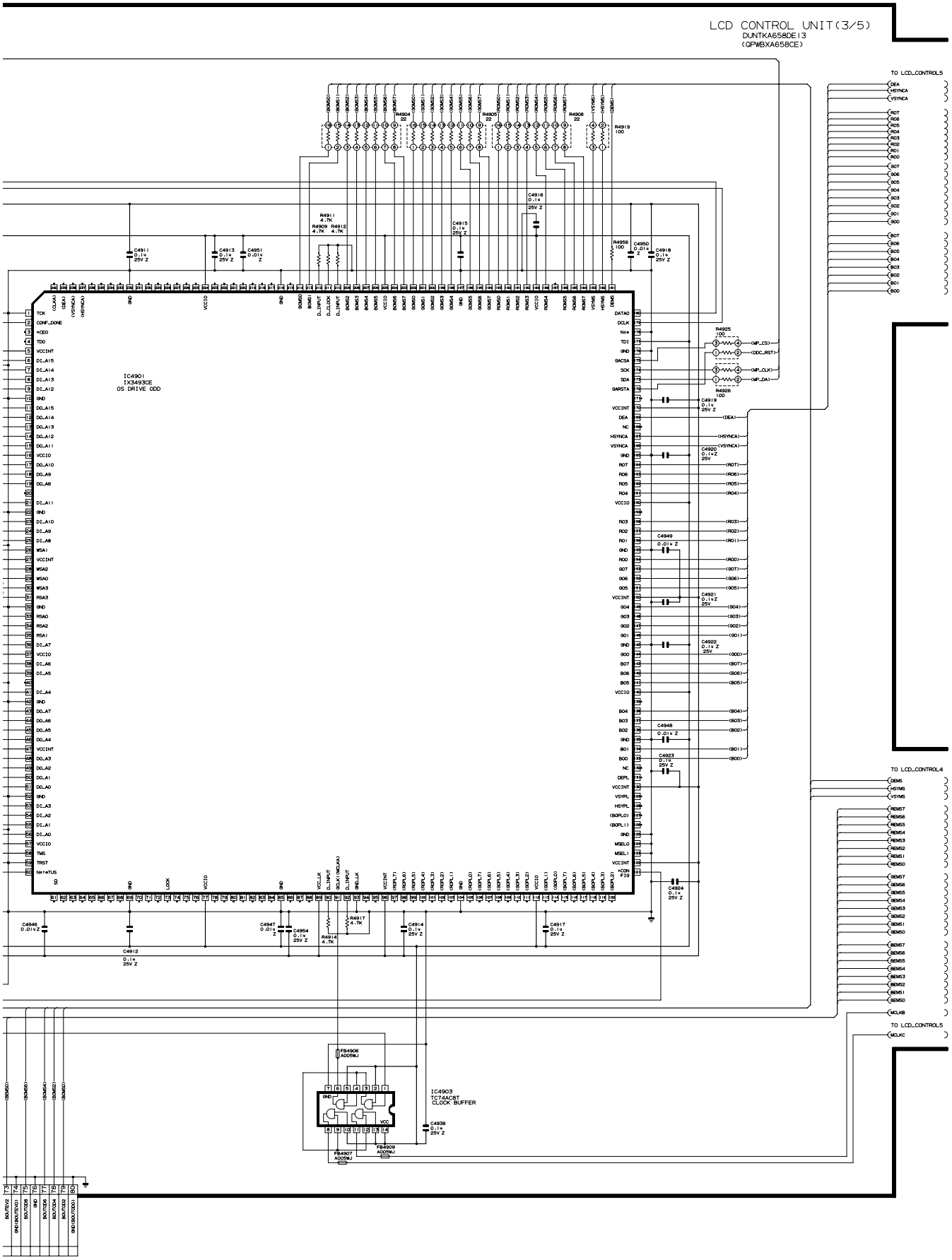




10	11	12	13	14	15	16	17	18	19

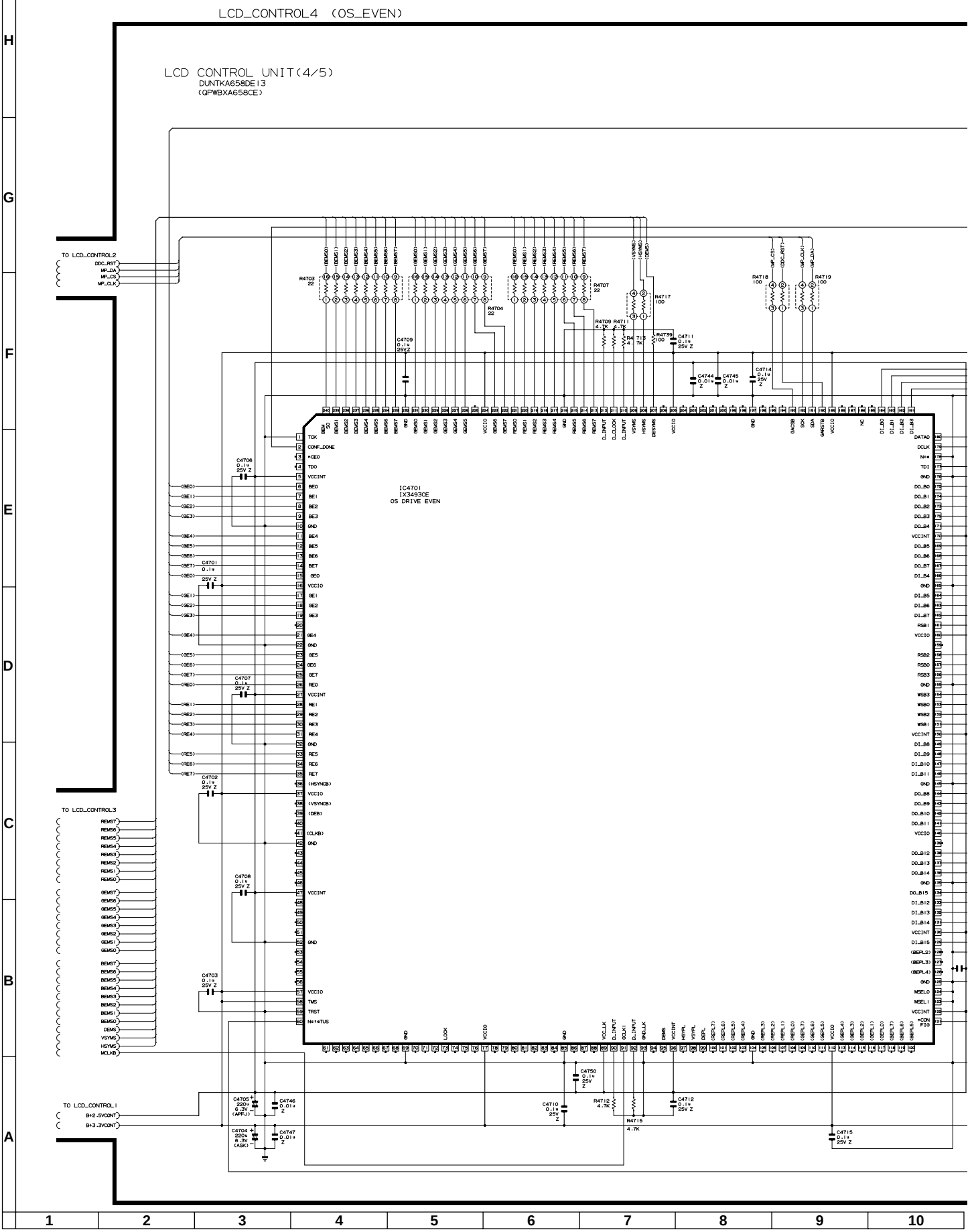
■ LCD CONTROL Unit-3/5 (Display)

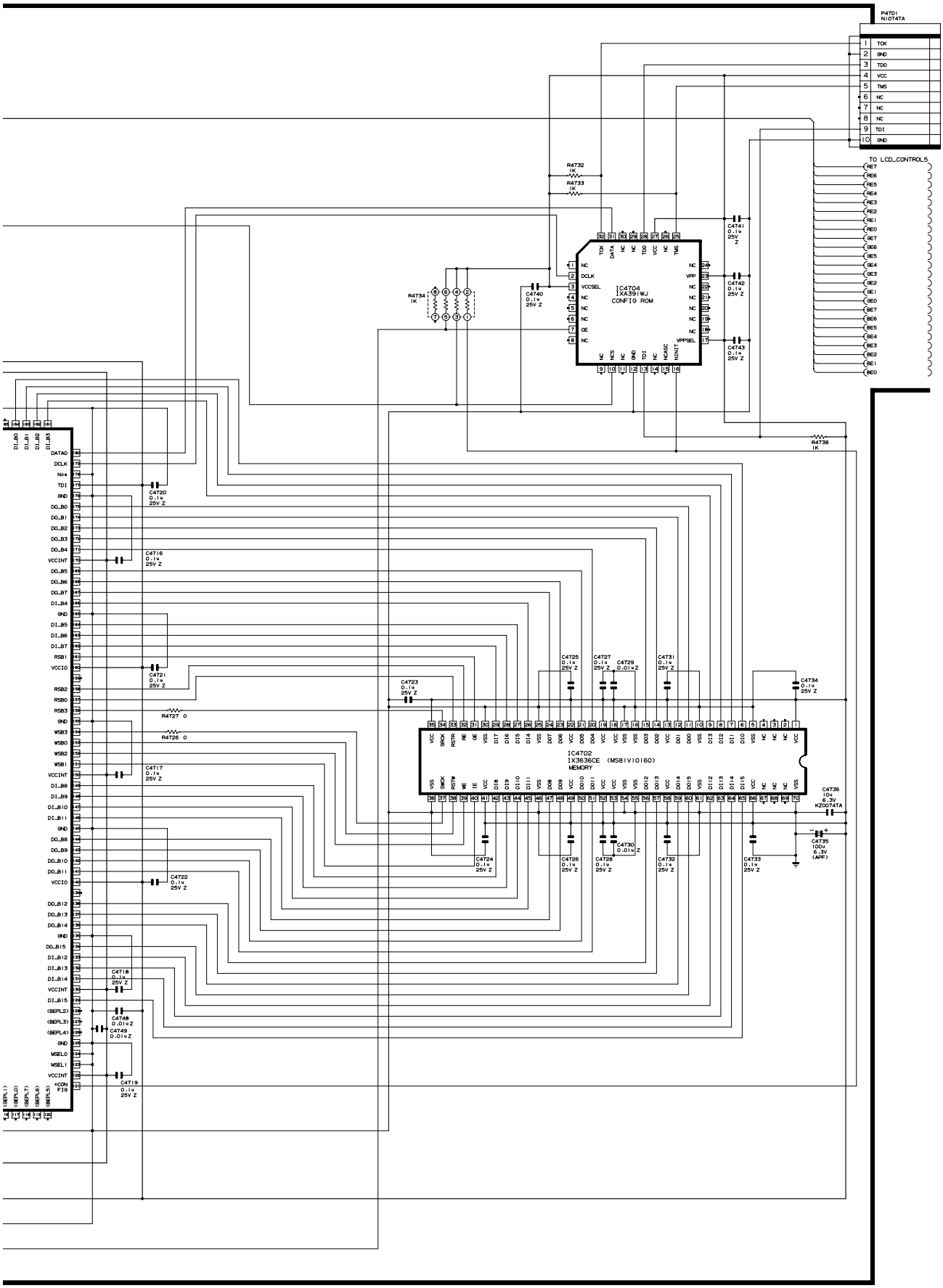




10	11	12	13	14	15	16	17	18	19

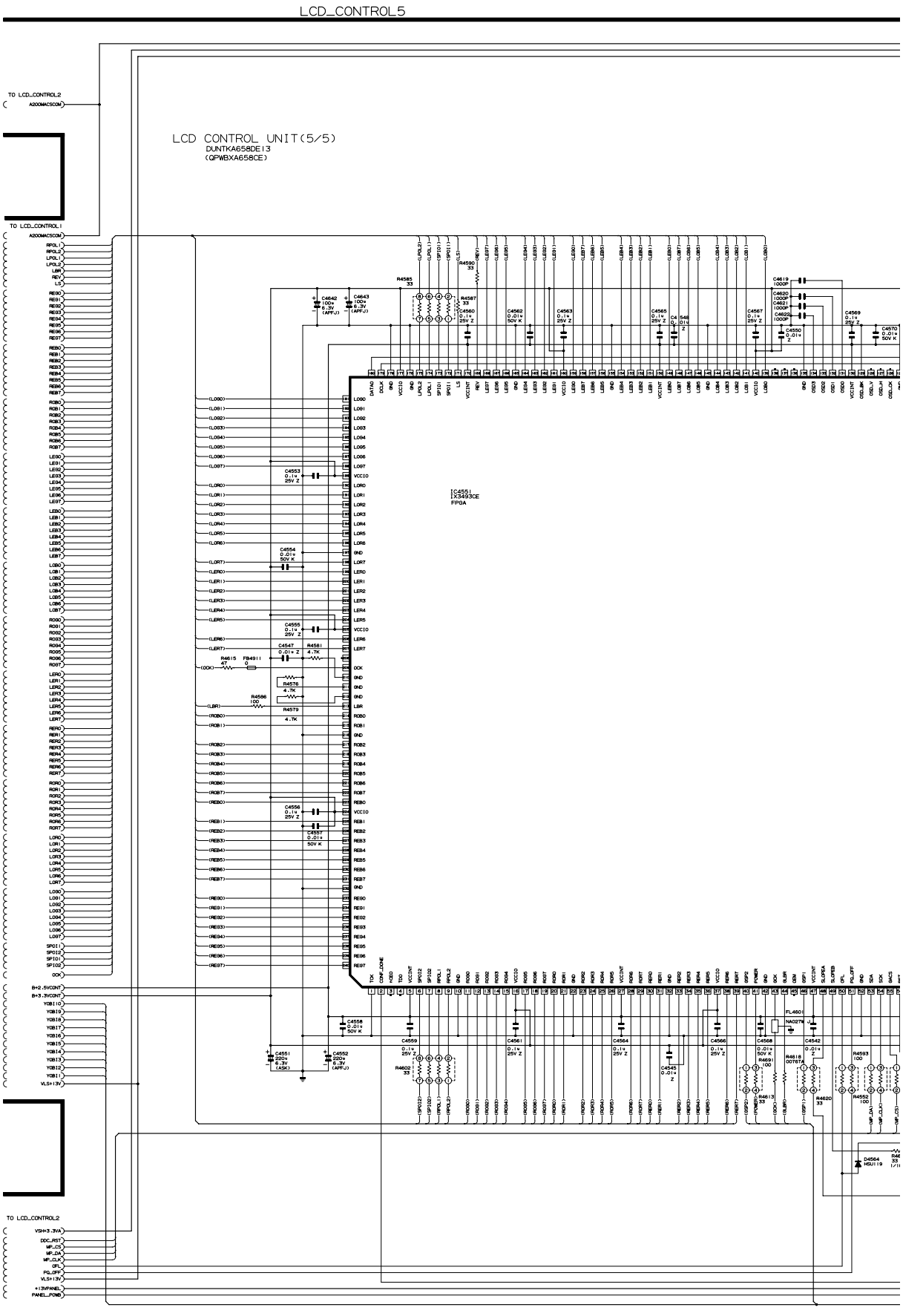
■ LCD CONTROL Unit-4/5 (Display)

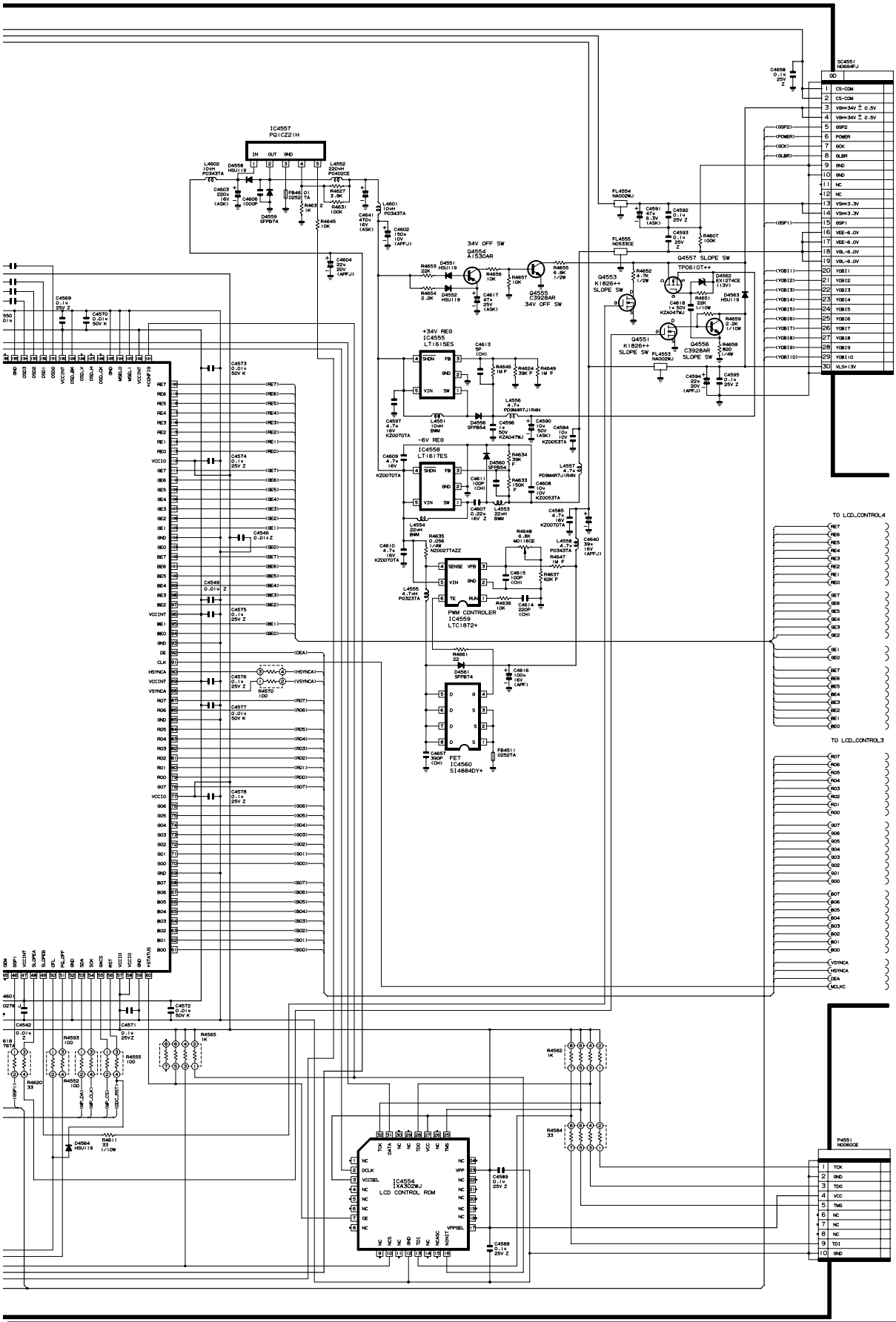




10	11	12	13	14	15	16	17	18	19

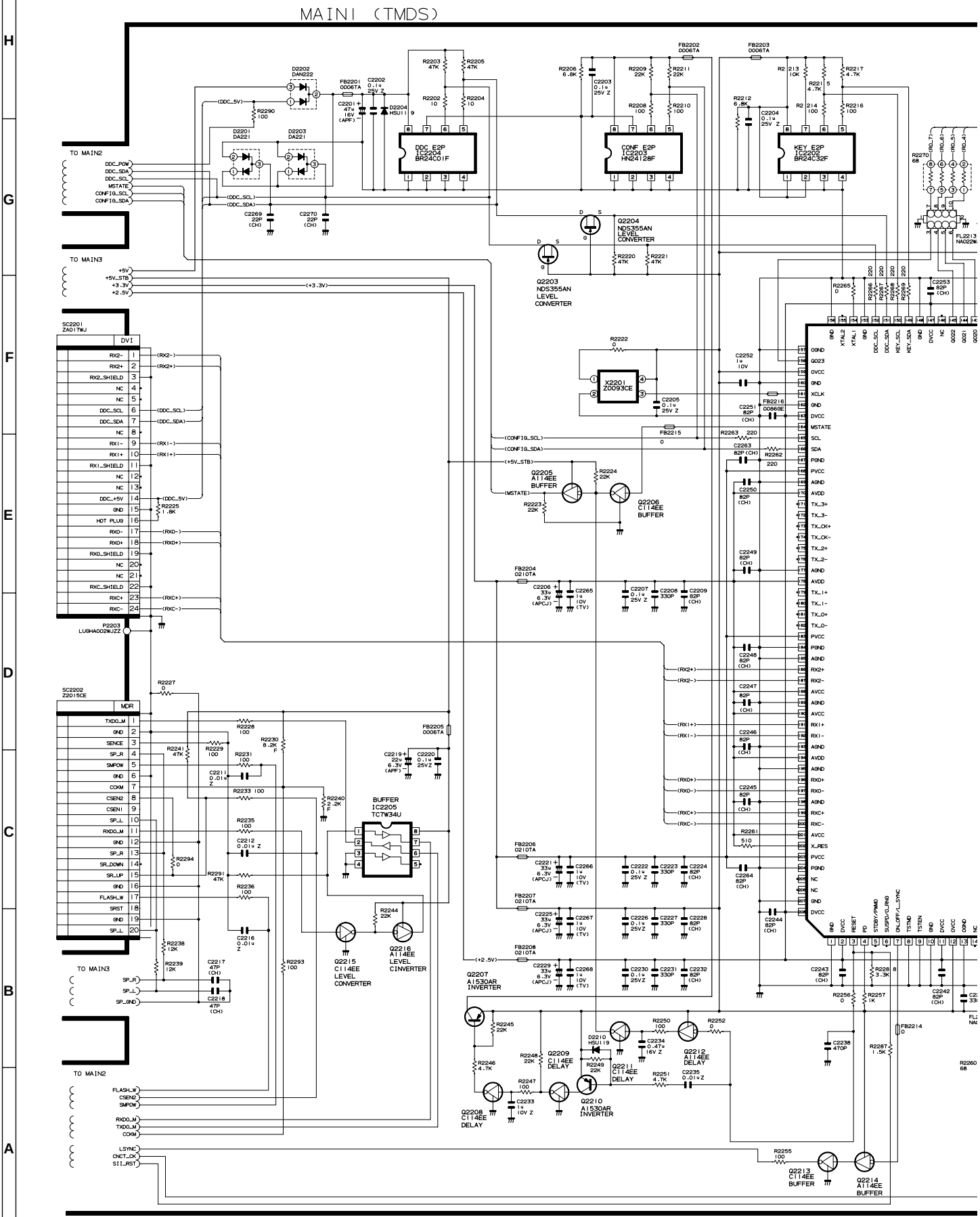
■ LCD CONTROL Unit-5/5 (Display)

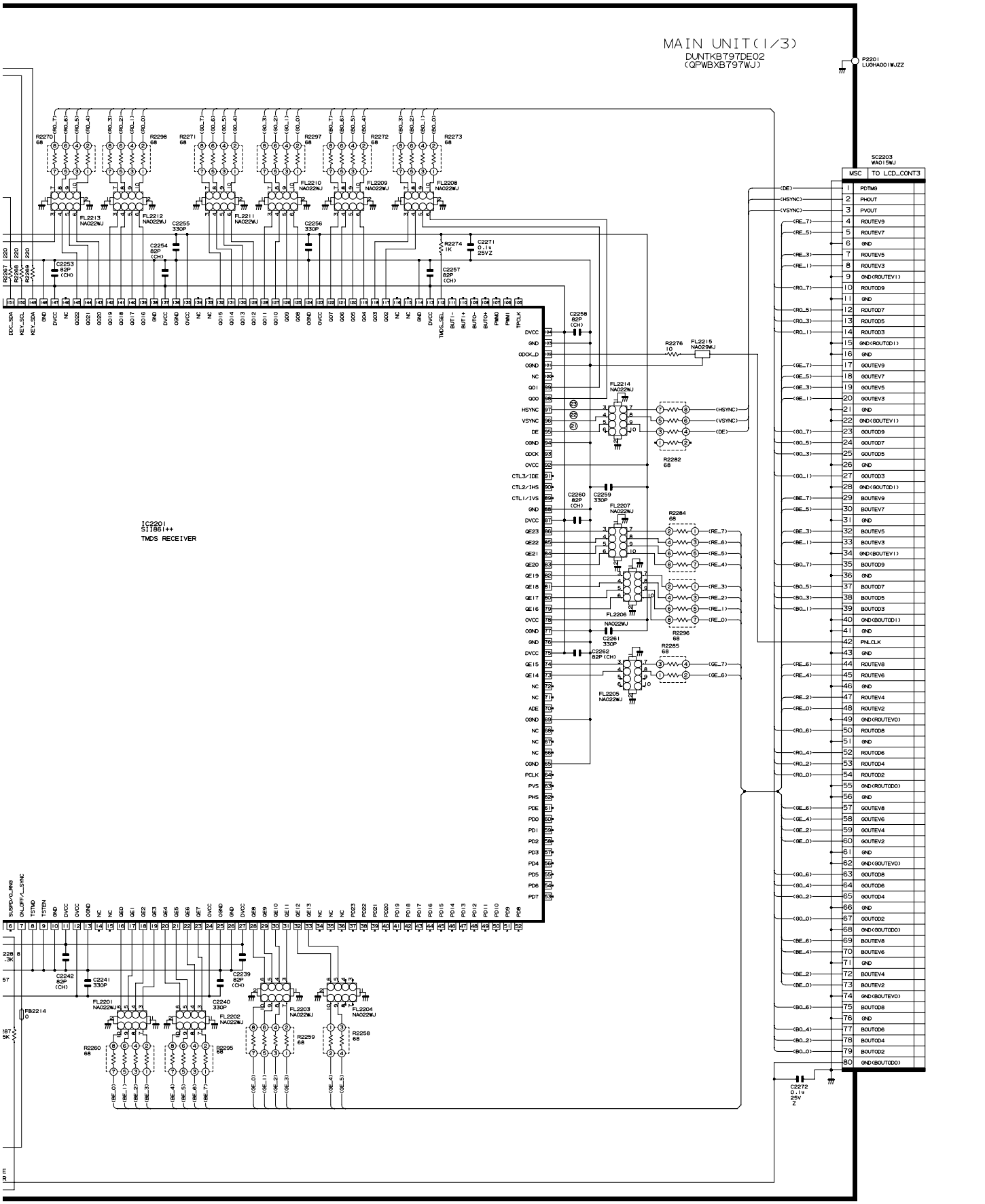




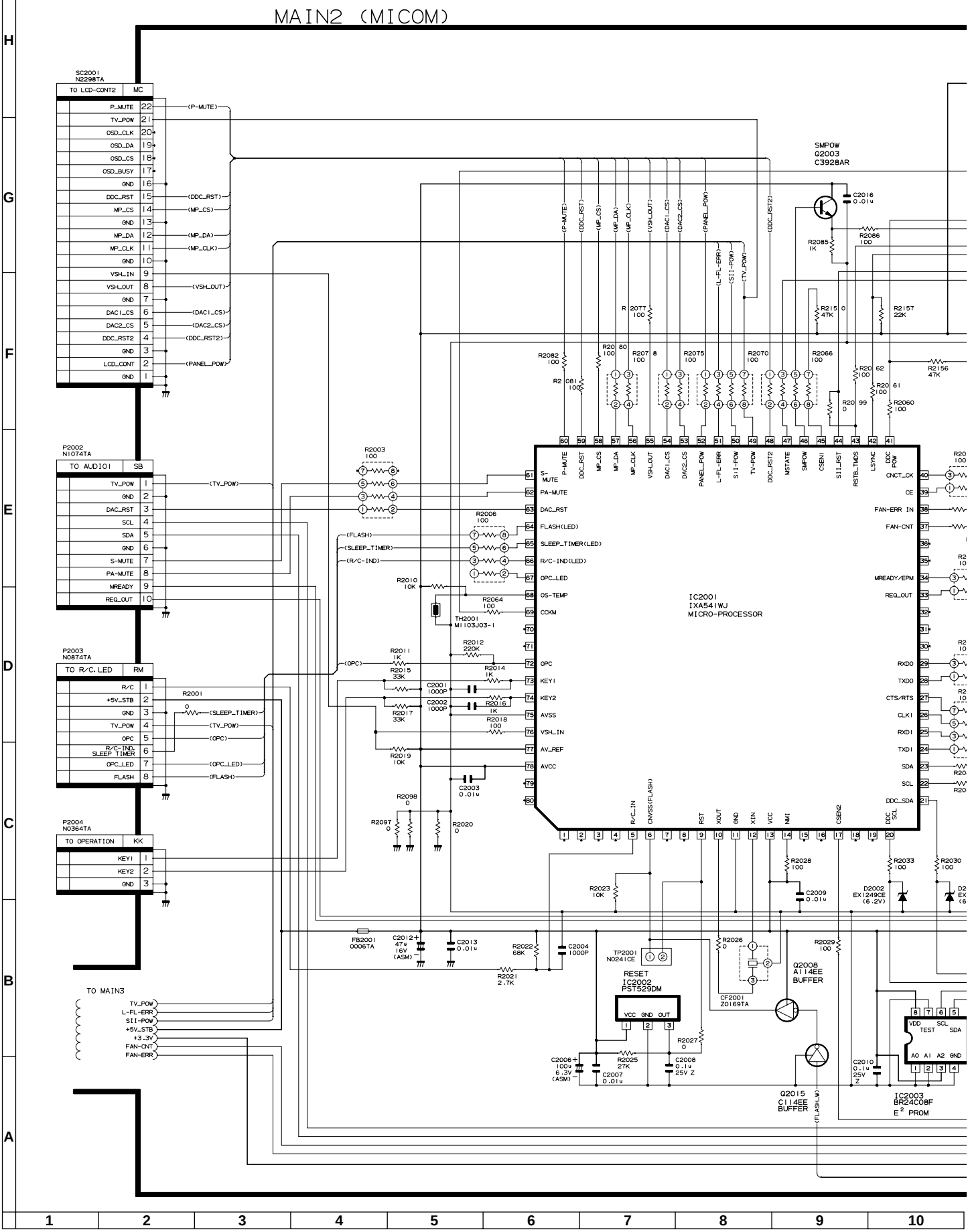
10	11	12	13	14	15	16	17	18	19

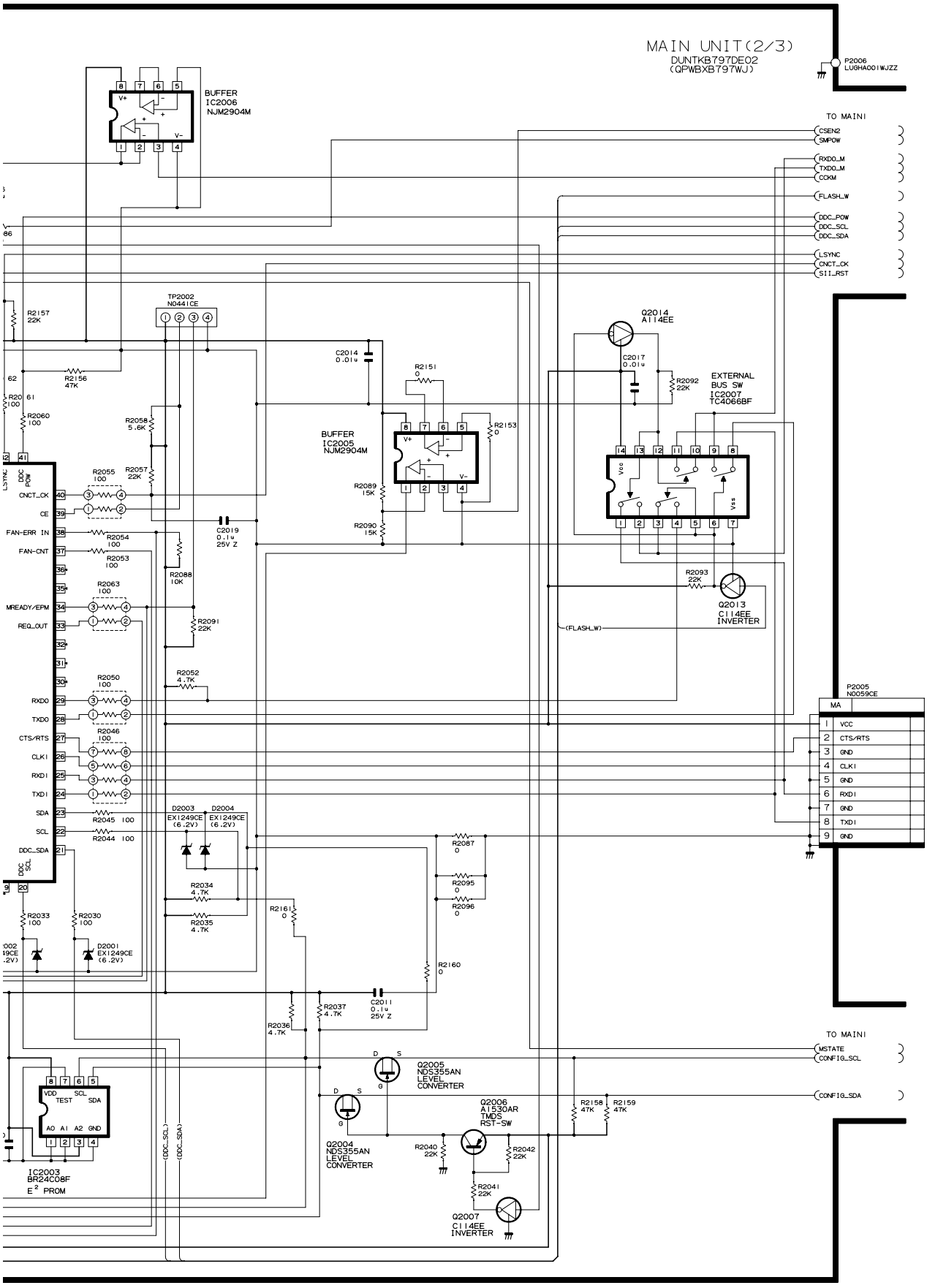
■ MAIN Unit-1/3 (Display)




MAIN UNIT(1/3)
DUNTKB797DE02
(QPWBXB797WJ)
P2201
LUGHA001WJZZ
SC2203
WA015WJ
MSC
TO LCD_CONT3
IC2201
SII861++
TMDS RECEIVER

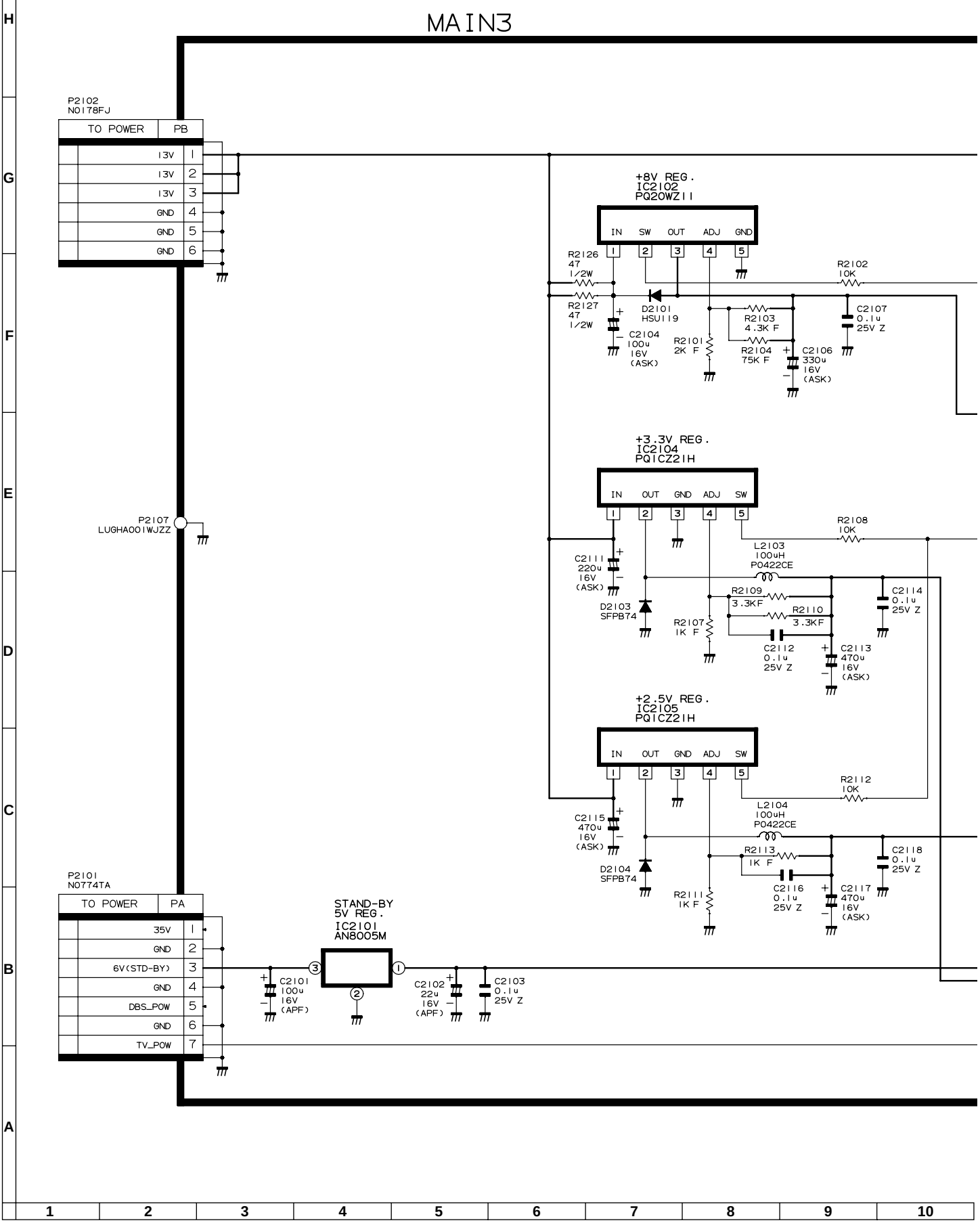
■ MAIN Unit-2/3 (Display)

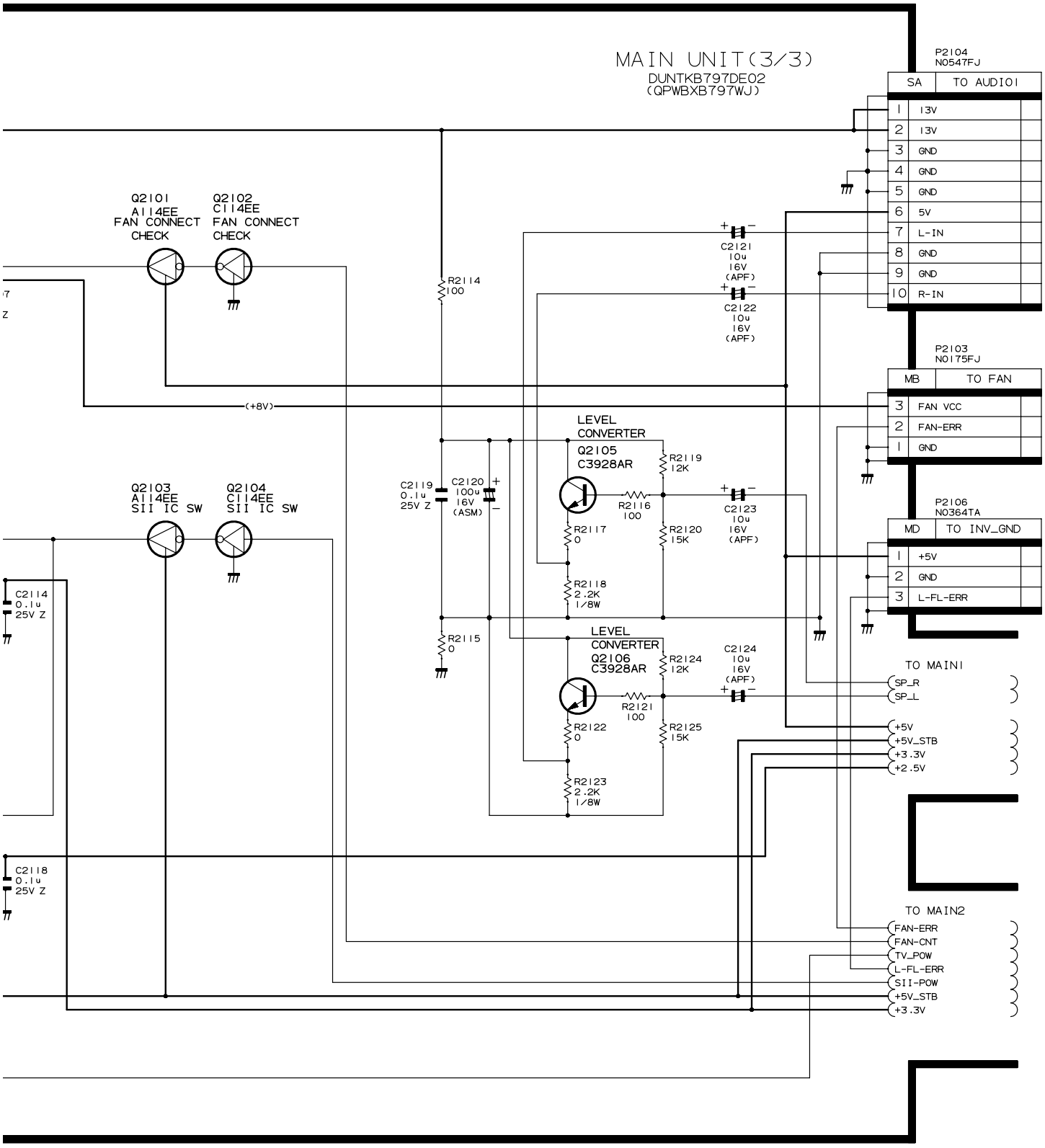




10	11	12	13	14	15	16	17	18	19

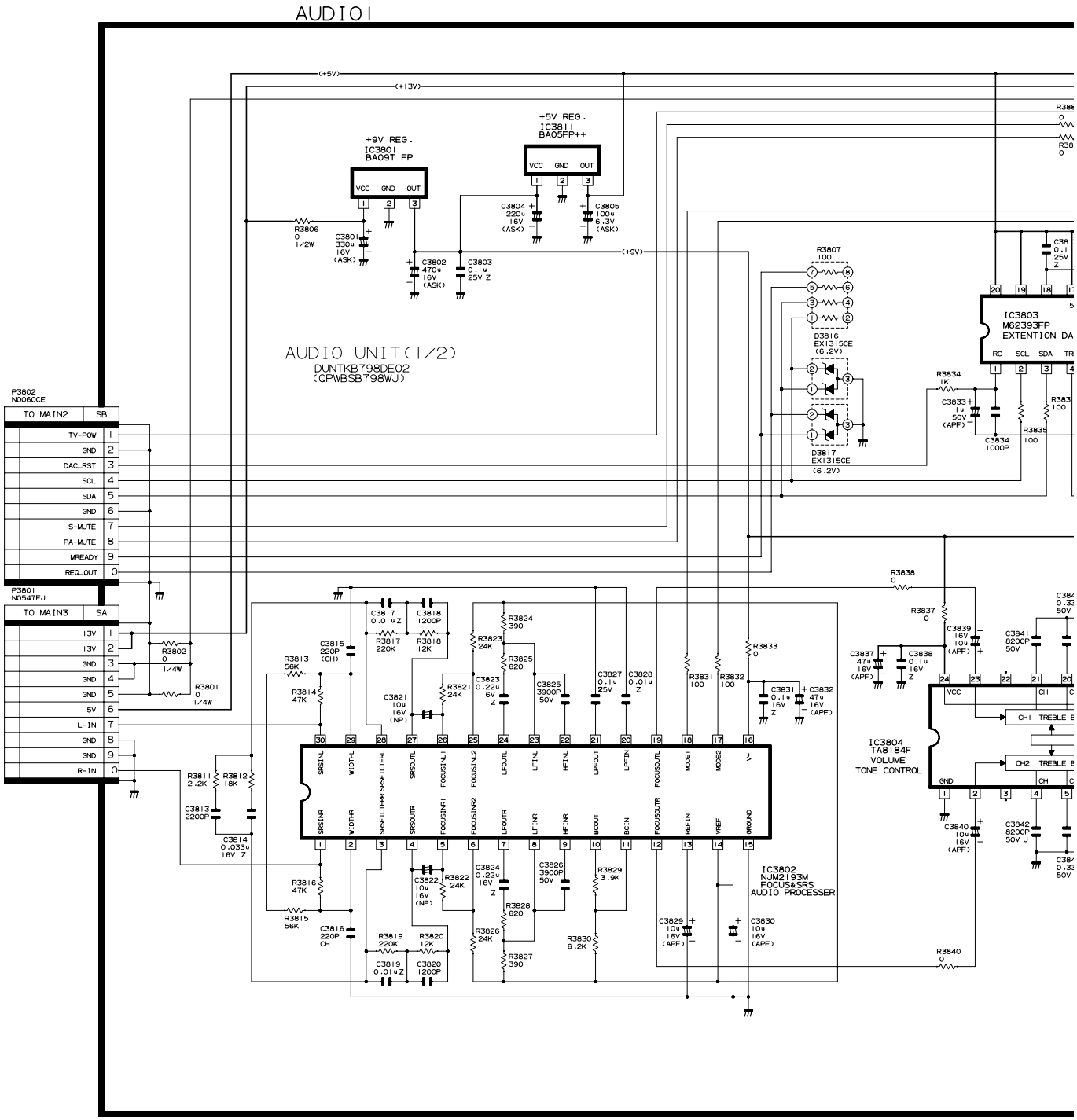
■ MAIN Unit-3/3 (Display)

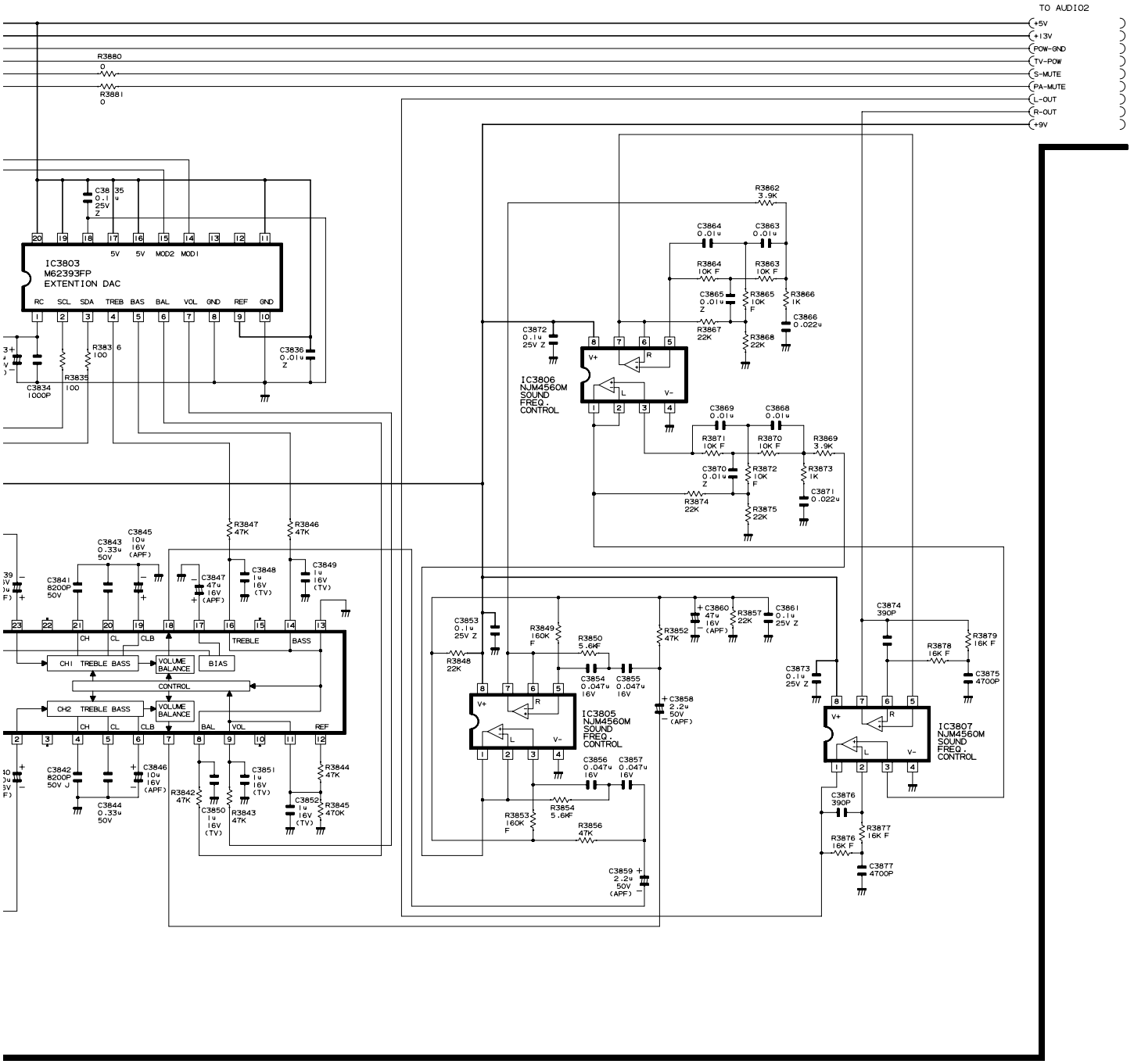




10	11	12	13	14	15	16	17	18	19

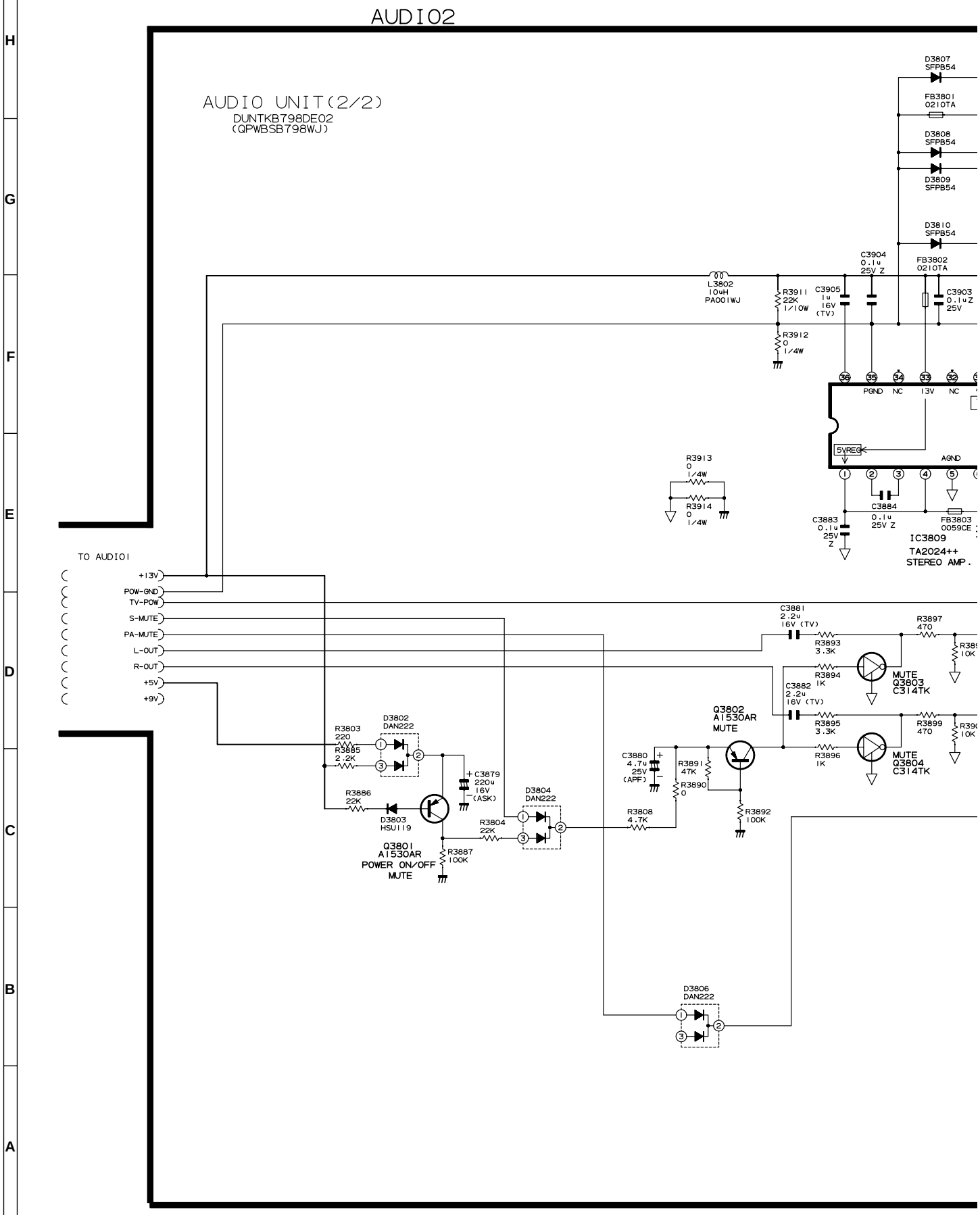
■ AUDIO Unit-1/2 (Display)

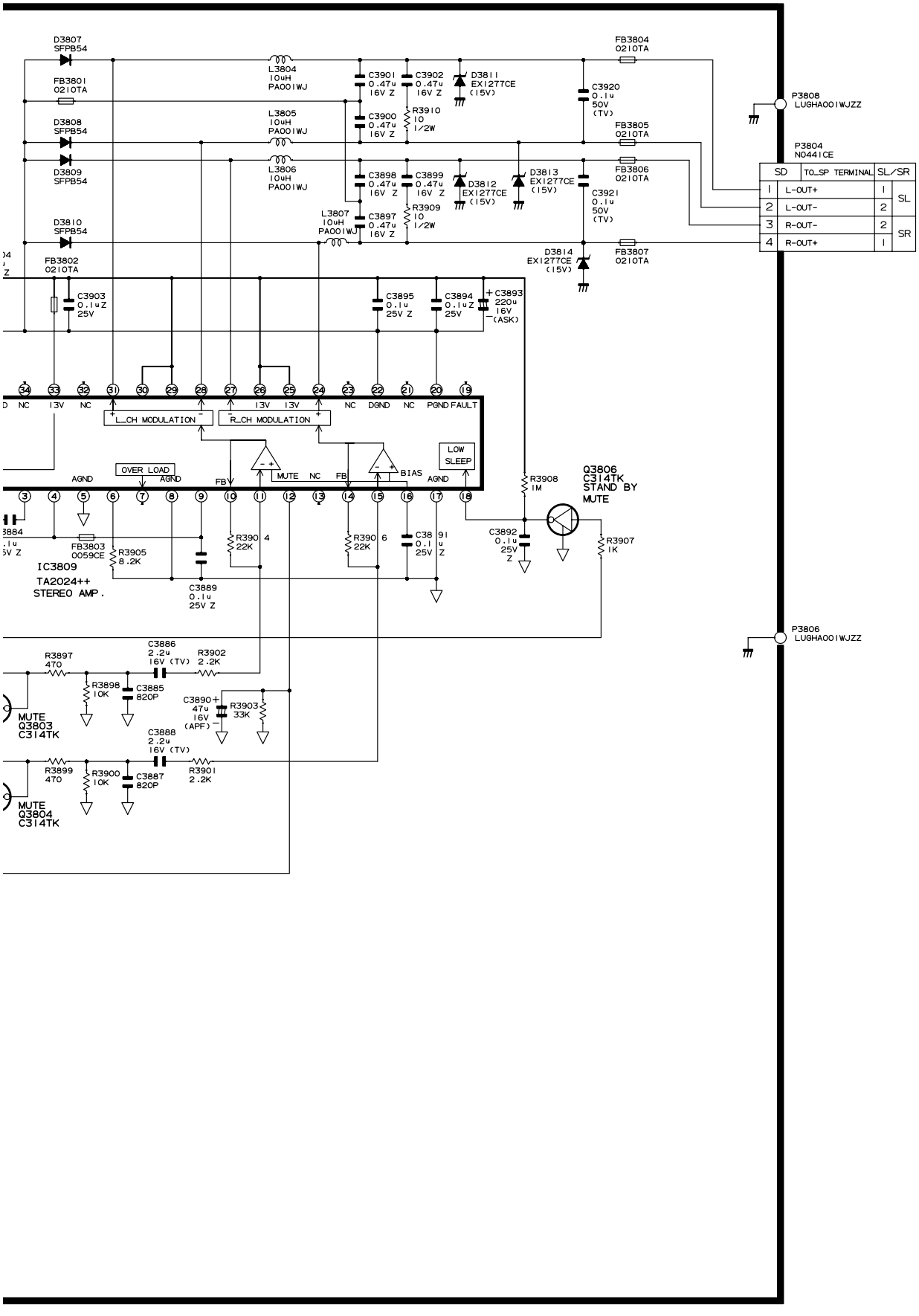




10	11	12	13	14	15	16	17	18	19

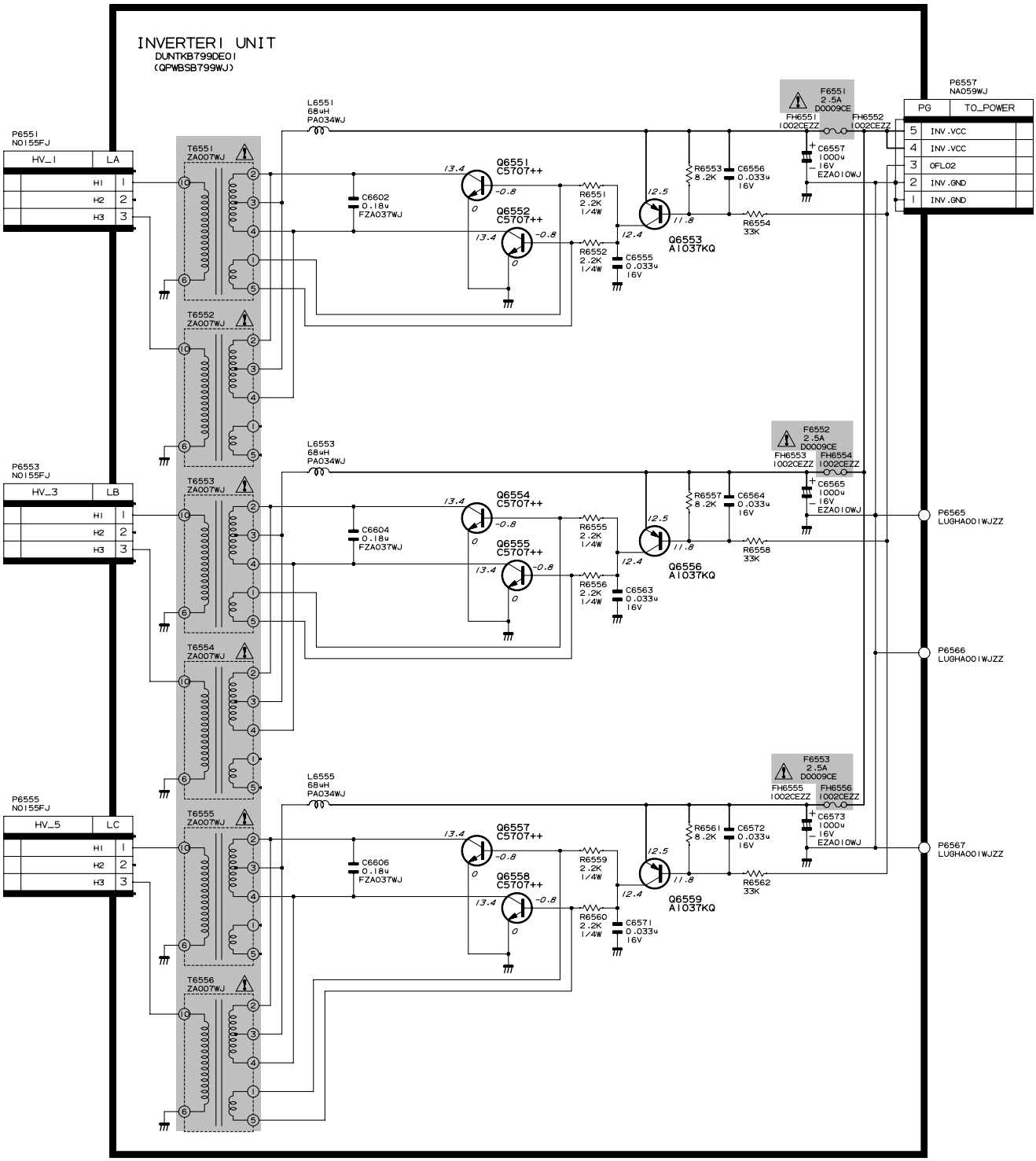
■ AUDIO Unit-2/2 (Display)



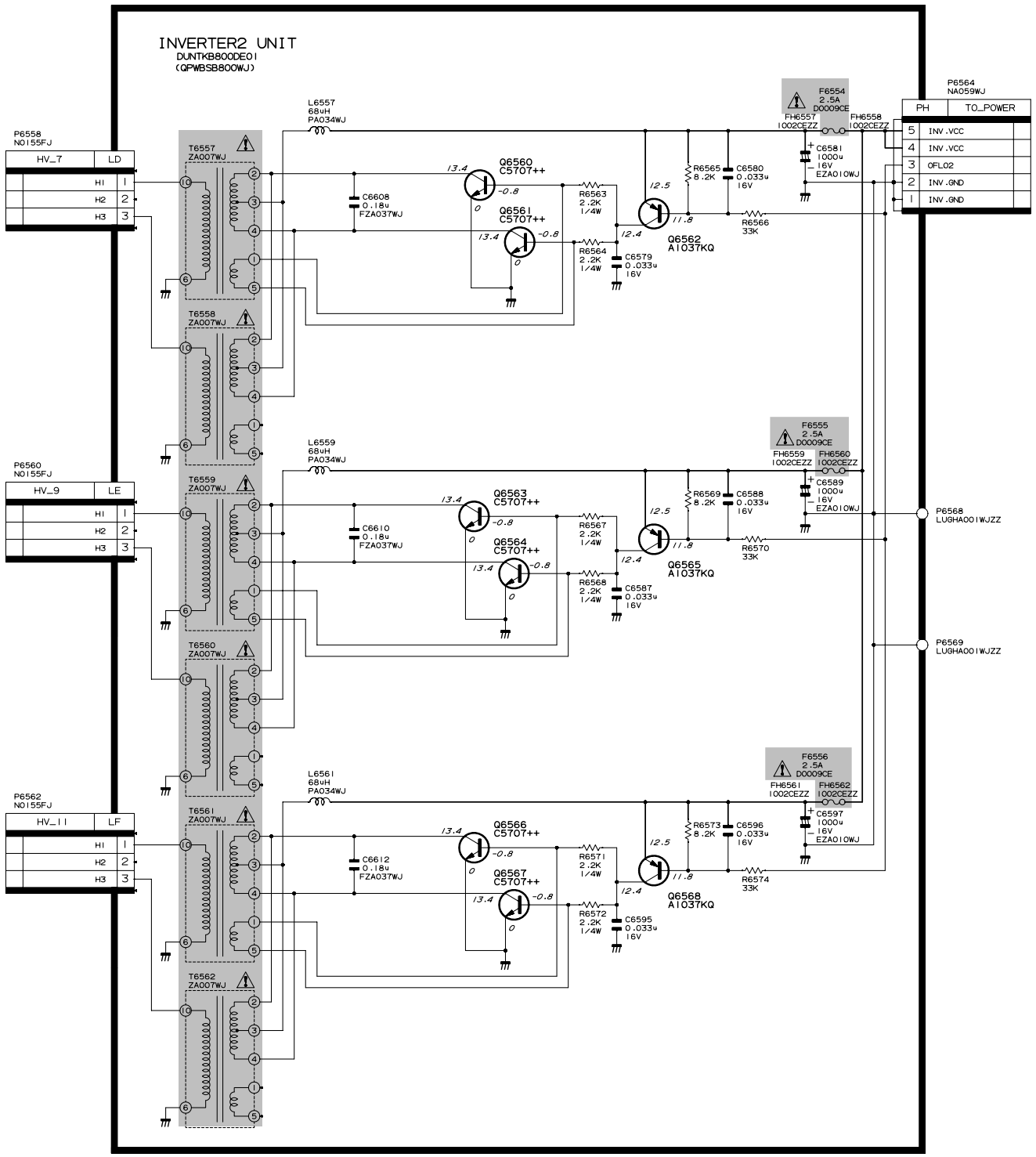


10	11	12	13	14	15	16	17	18	19

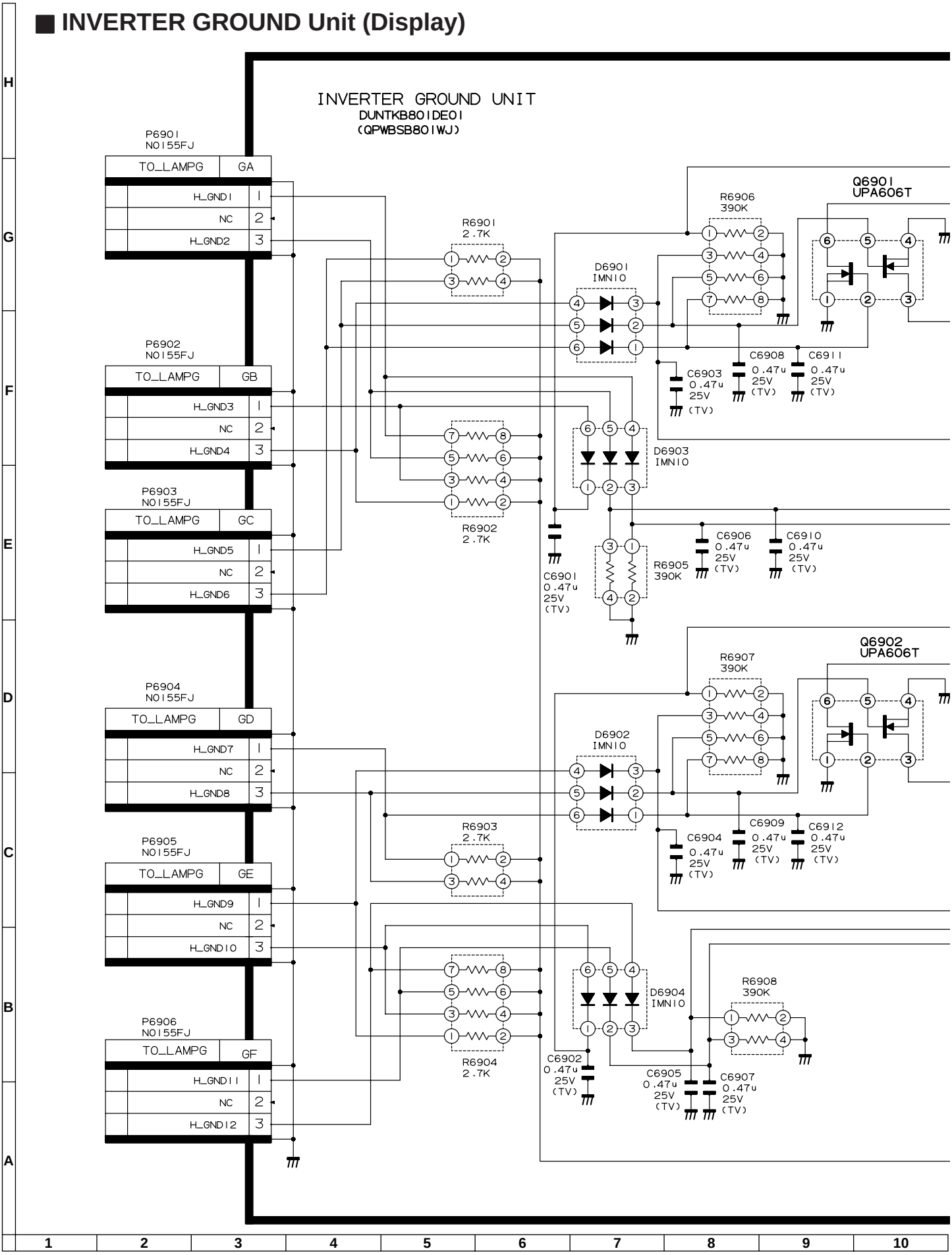
■ INVERTER-1 Unit (Display)

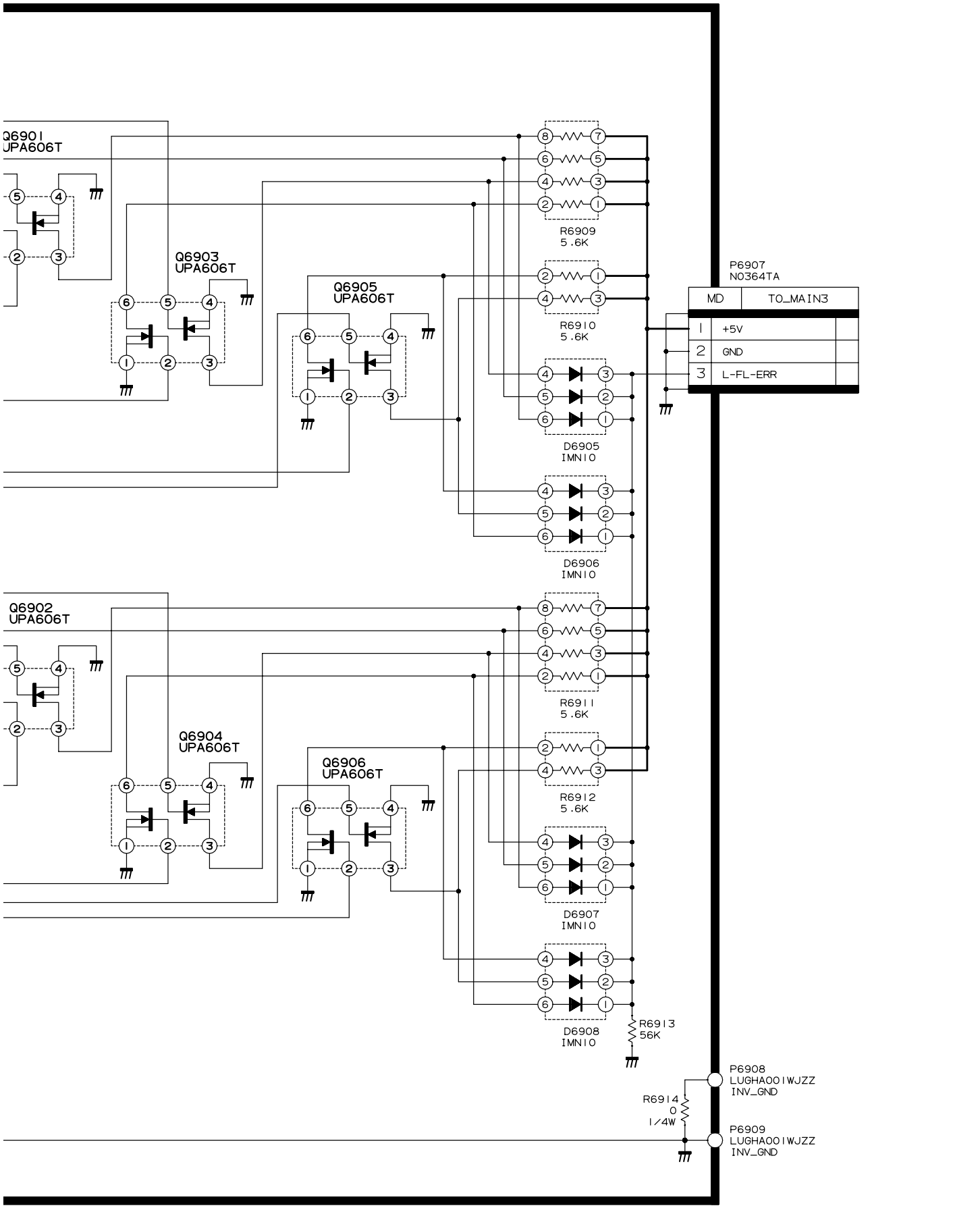


■ INVERTER-2 Unit (Display)



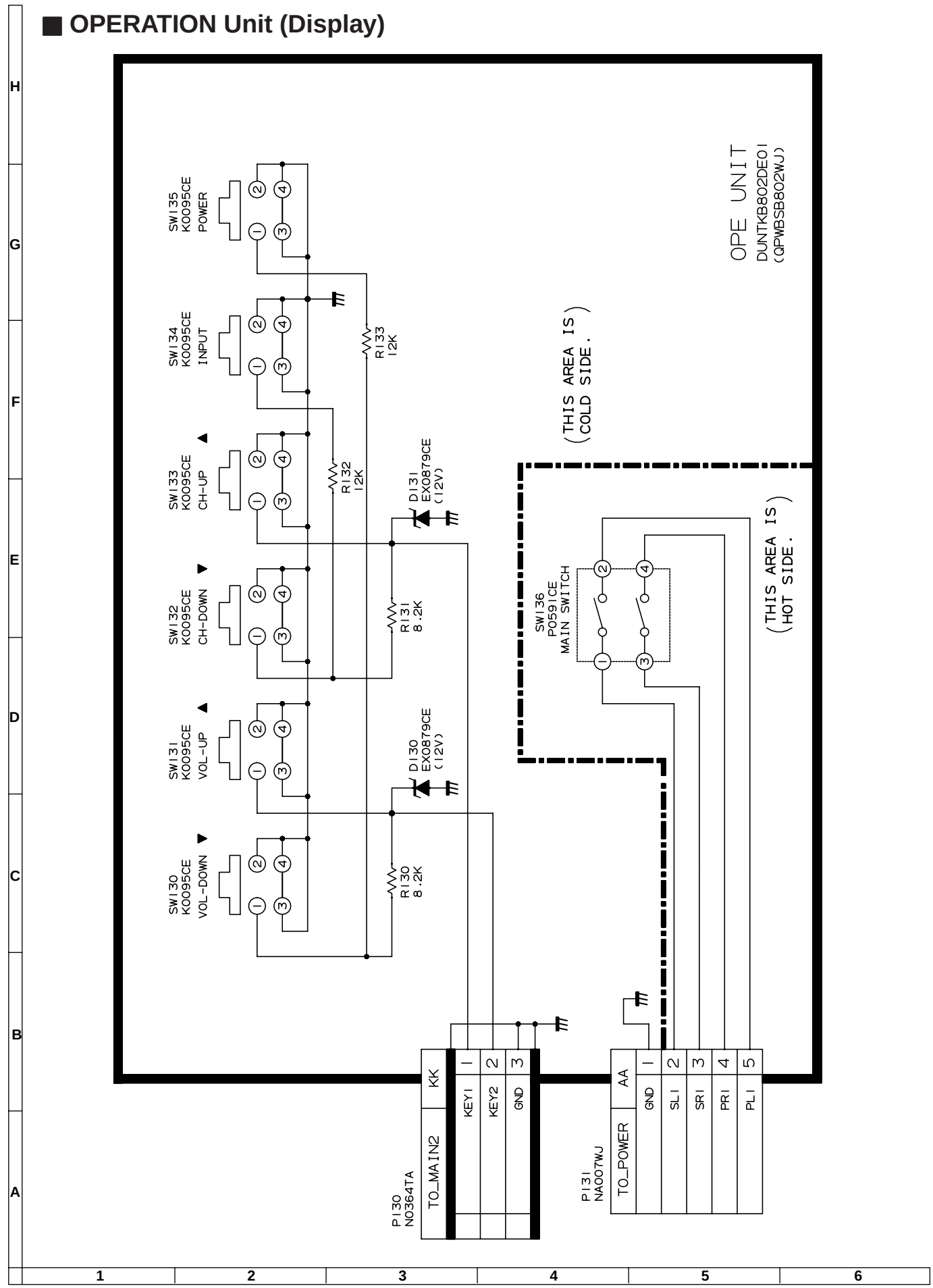
■ INVERTER GROUND Unit (Display)



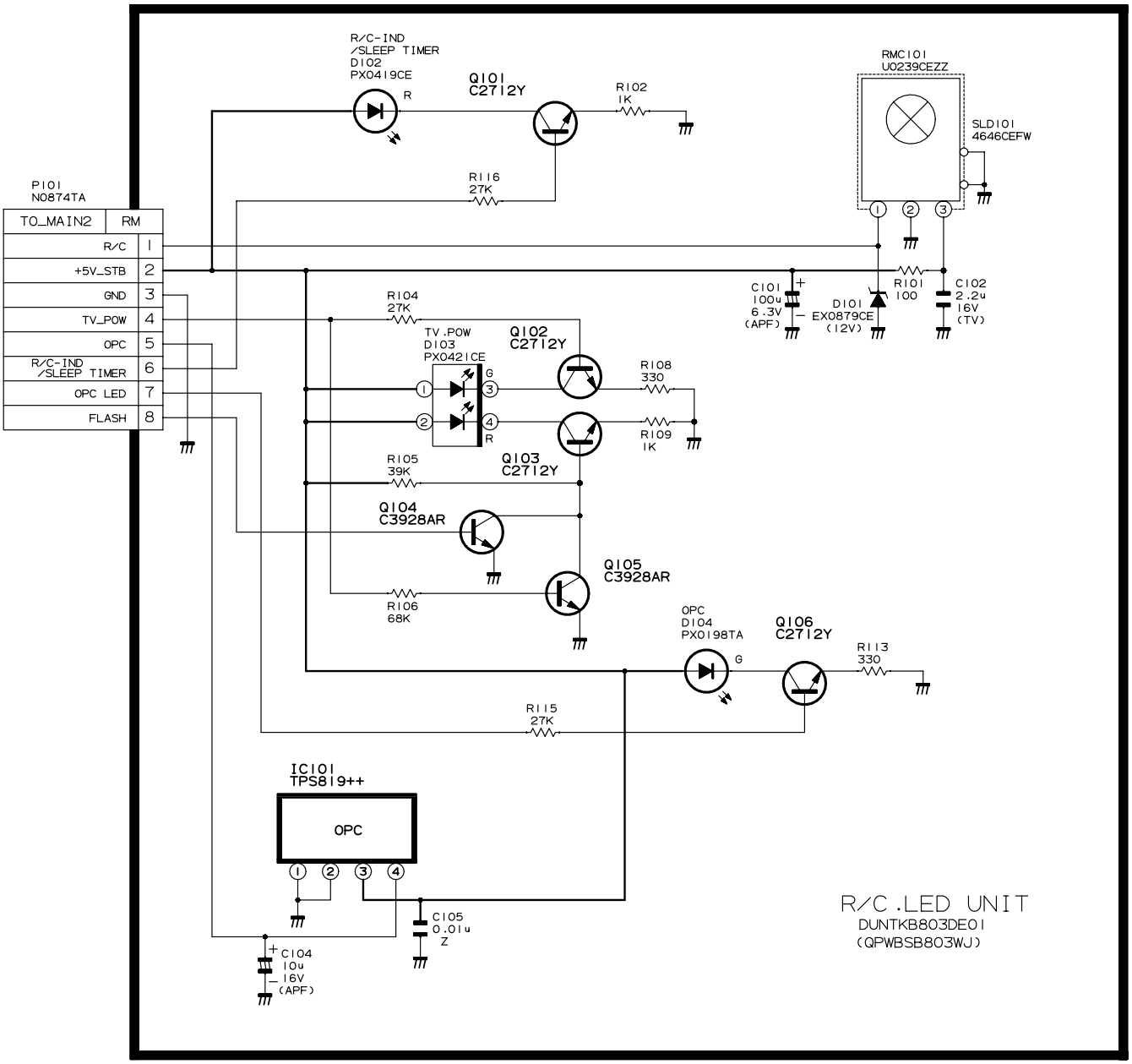


10	11	12	13	14	15	16	17	18	19

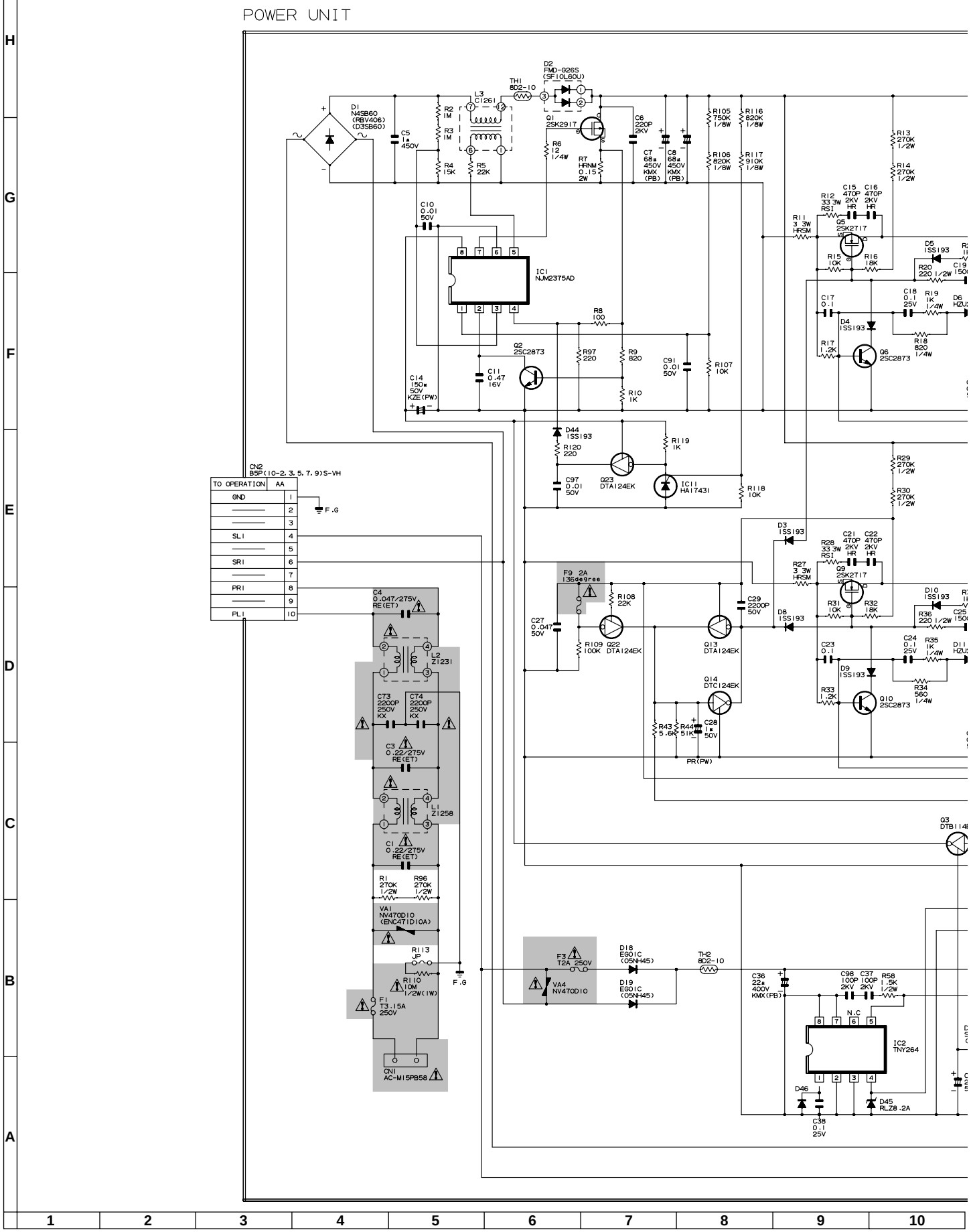
■ OPERATION Unit (Display)

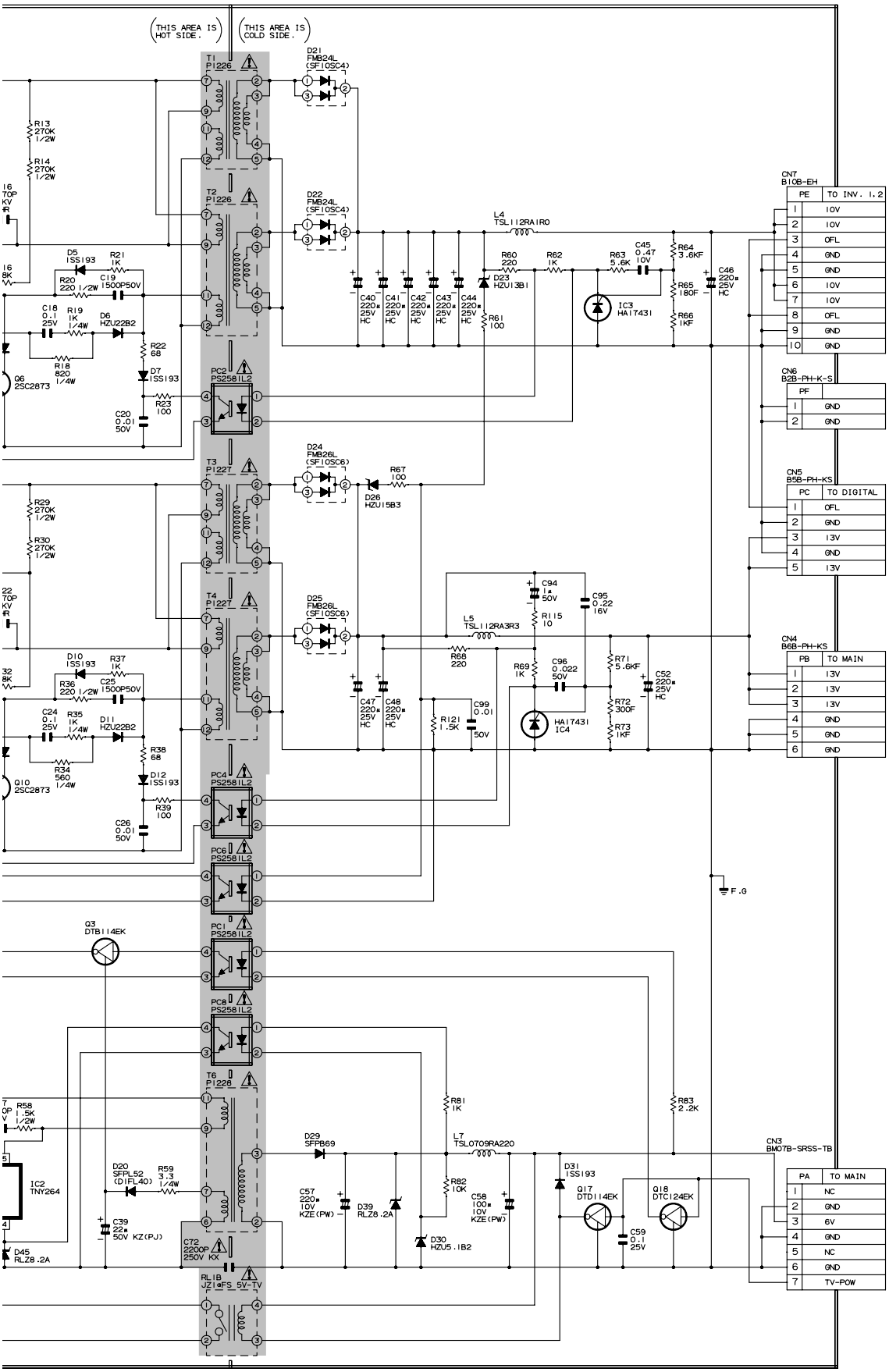


■ R/C, LED Unit (Display)



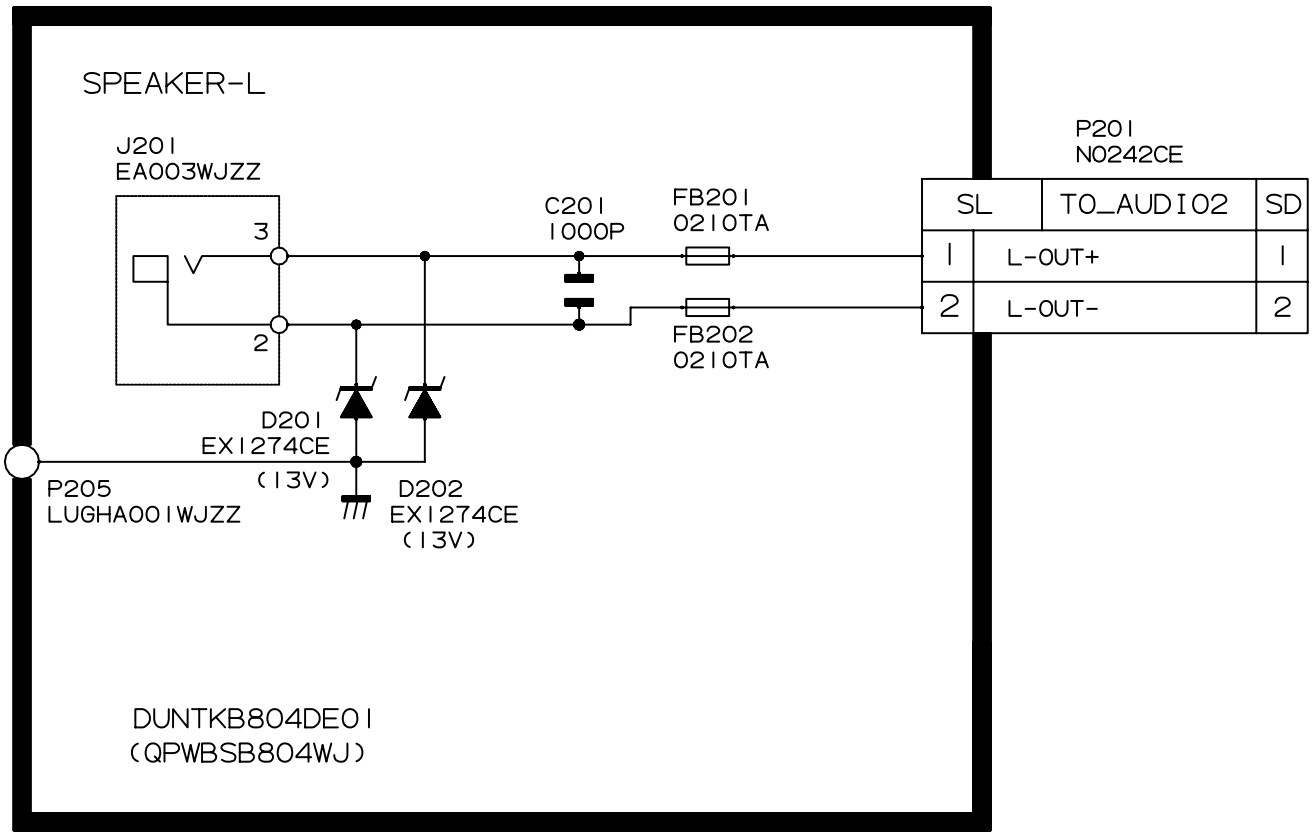
■ POWER Unit (Display)



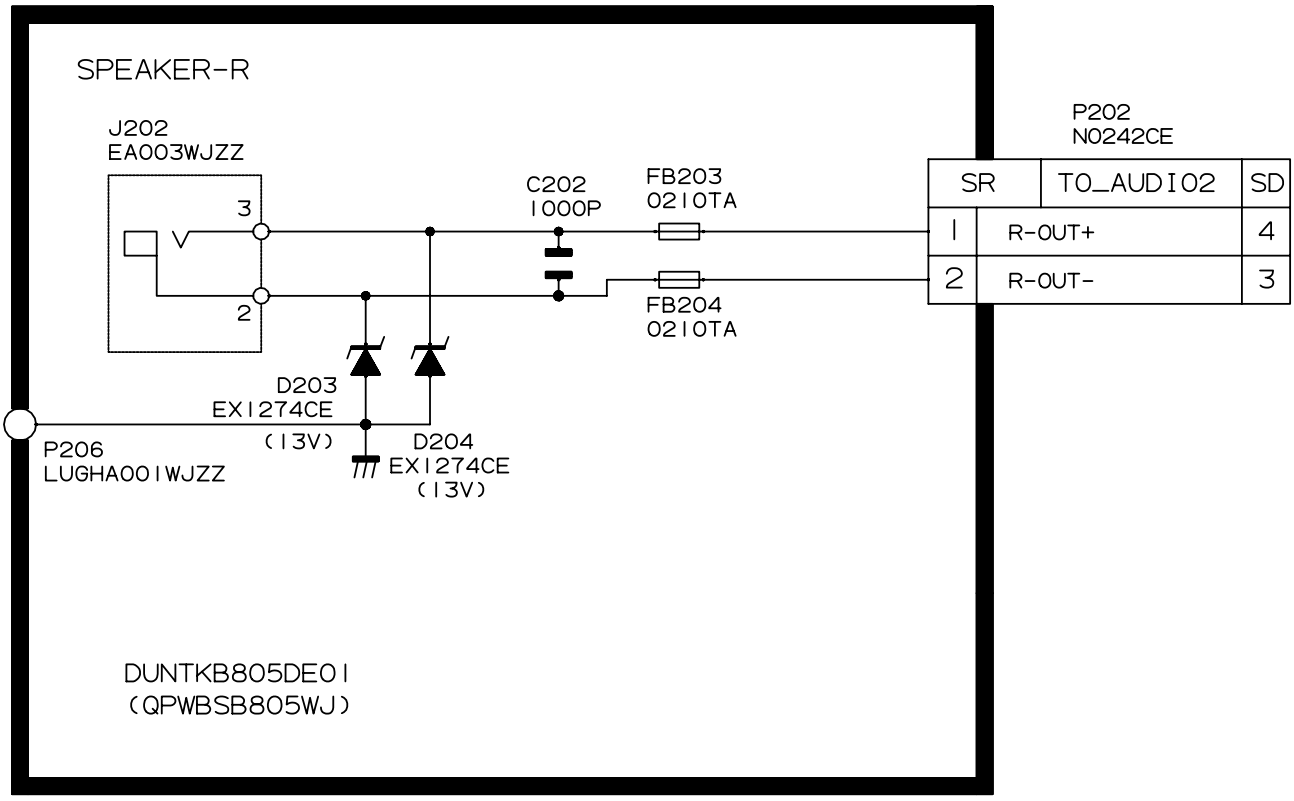


10	11	12	13	14	15	16	17	18	19

■ SPEAKER-L Unit (Display)

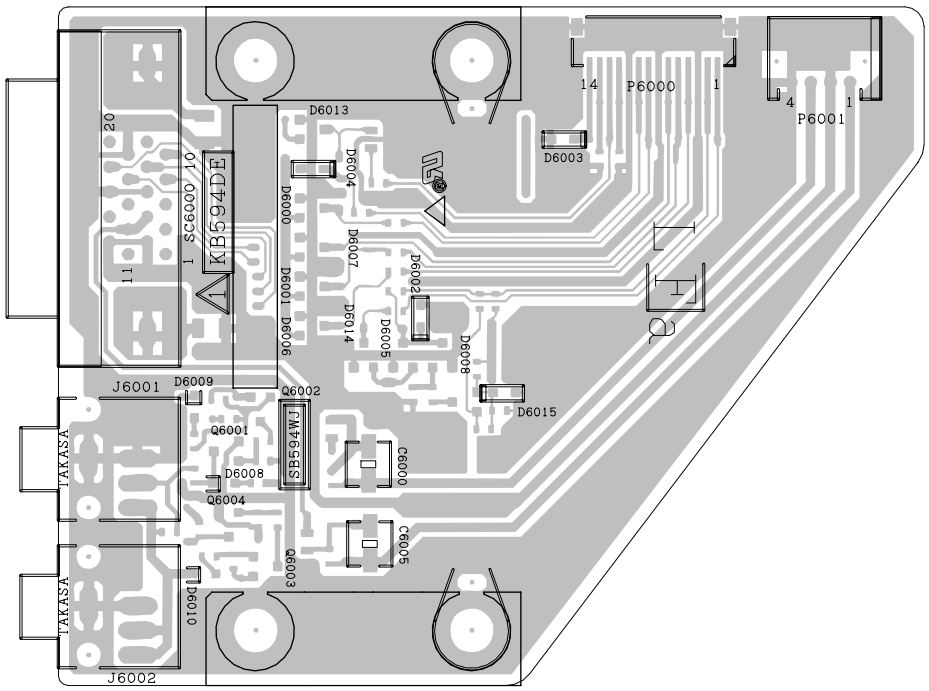


■ SPEAKER-R Unit (Display)

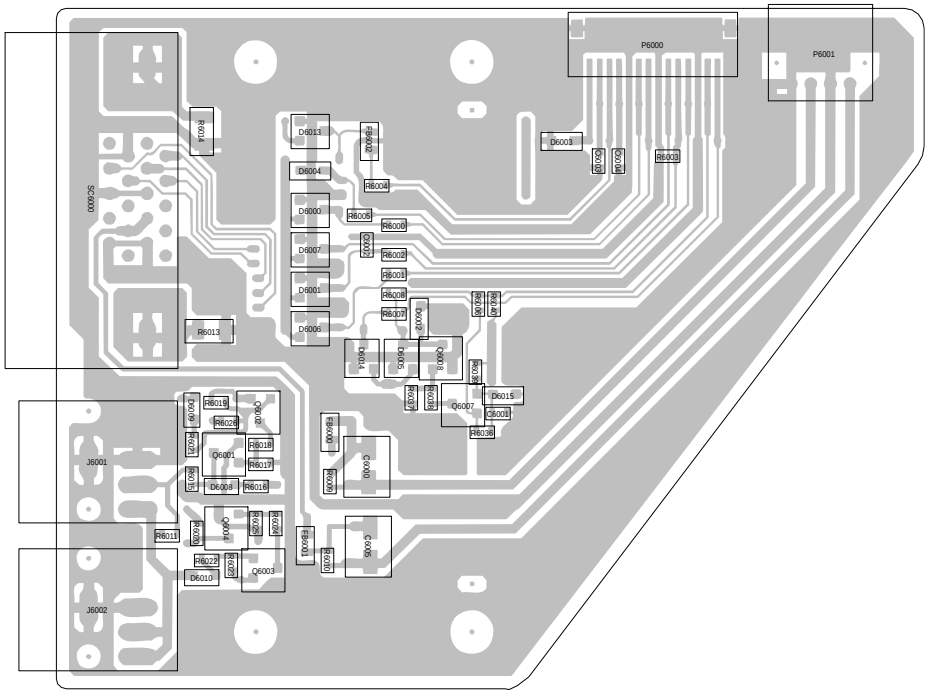


PRINTED WIRING BOARD DIAGRAM

■ AVC System



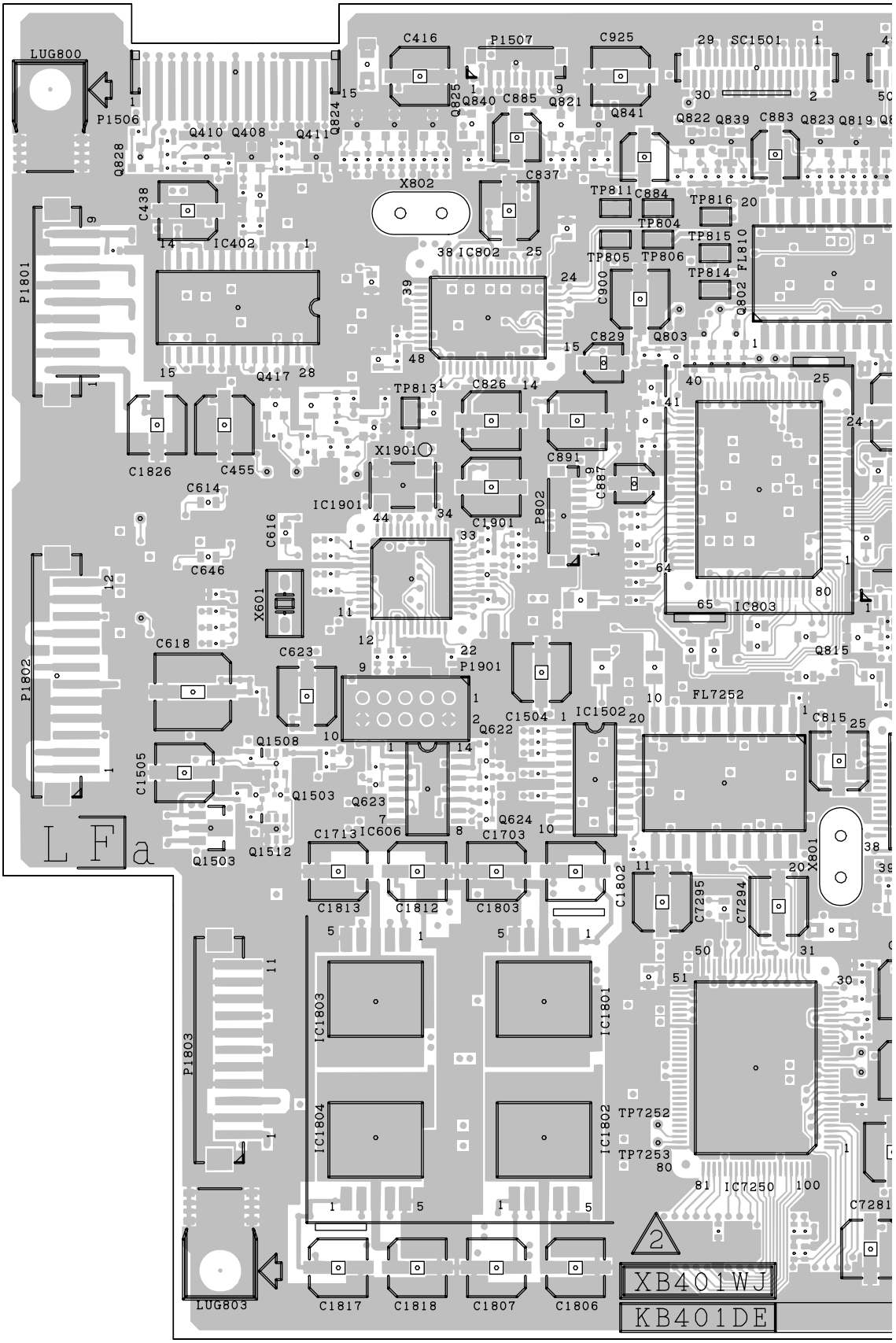
SR Unit (Component Side)



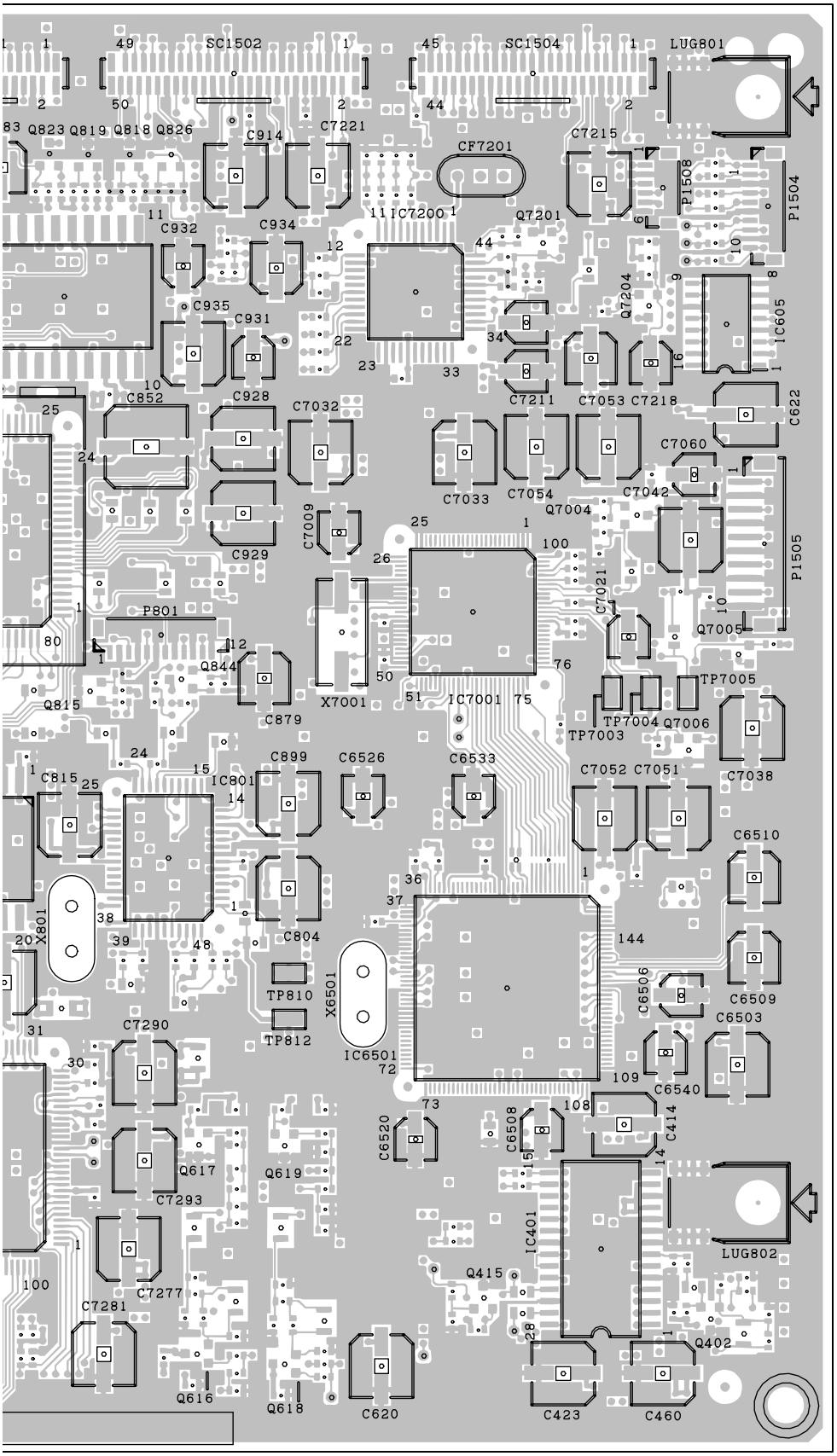
SR Unit (Chip Parts Side)

1	2	3	4	5	6

■ AVC System

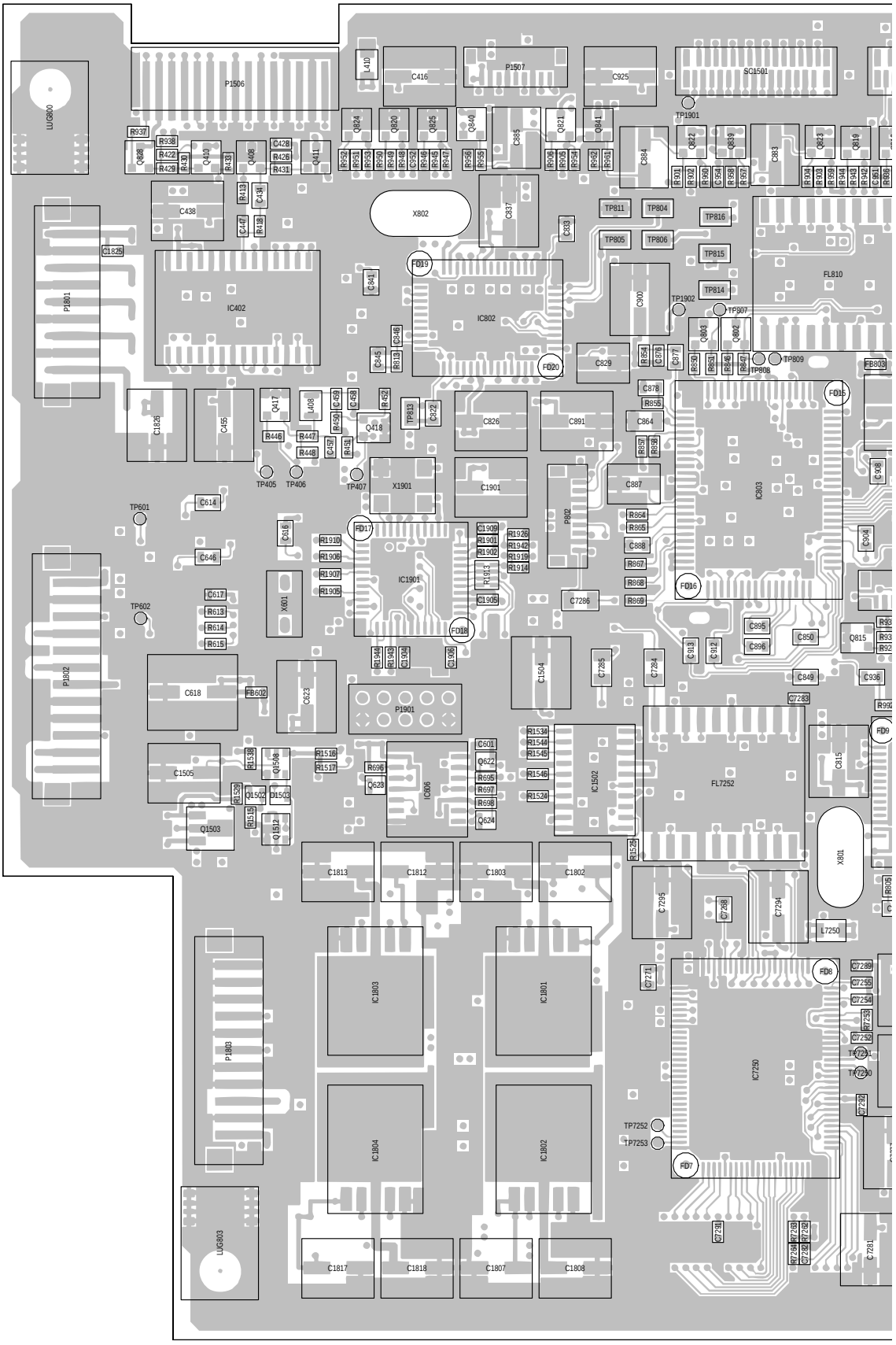


MAIN Unit (Side-A)

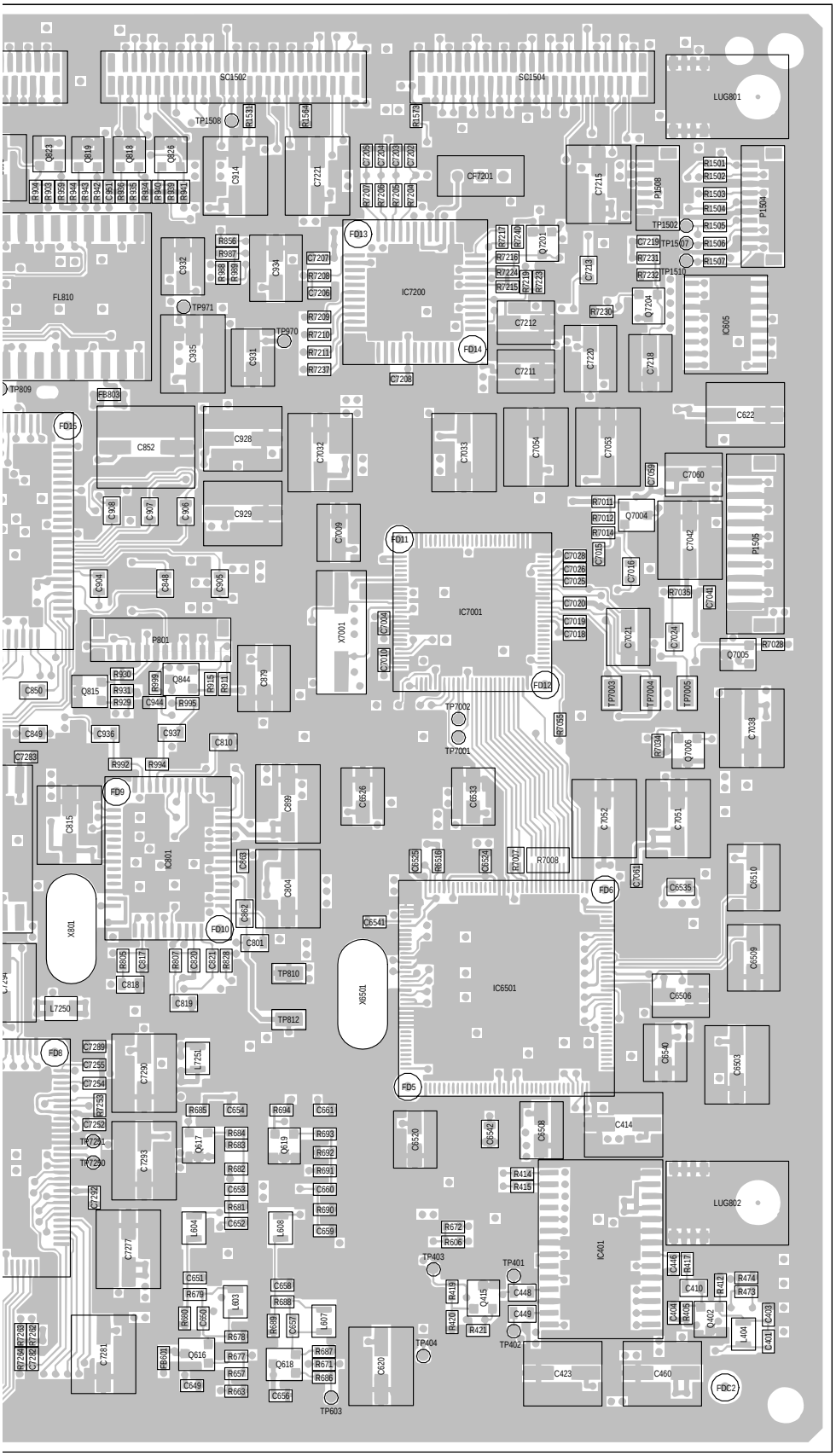


10	11	12	13	14	15	16	17	18	19

■ AVC System

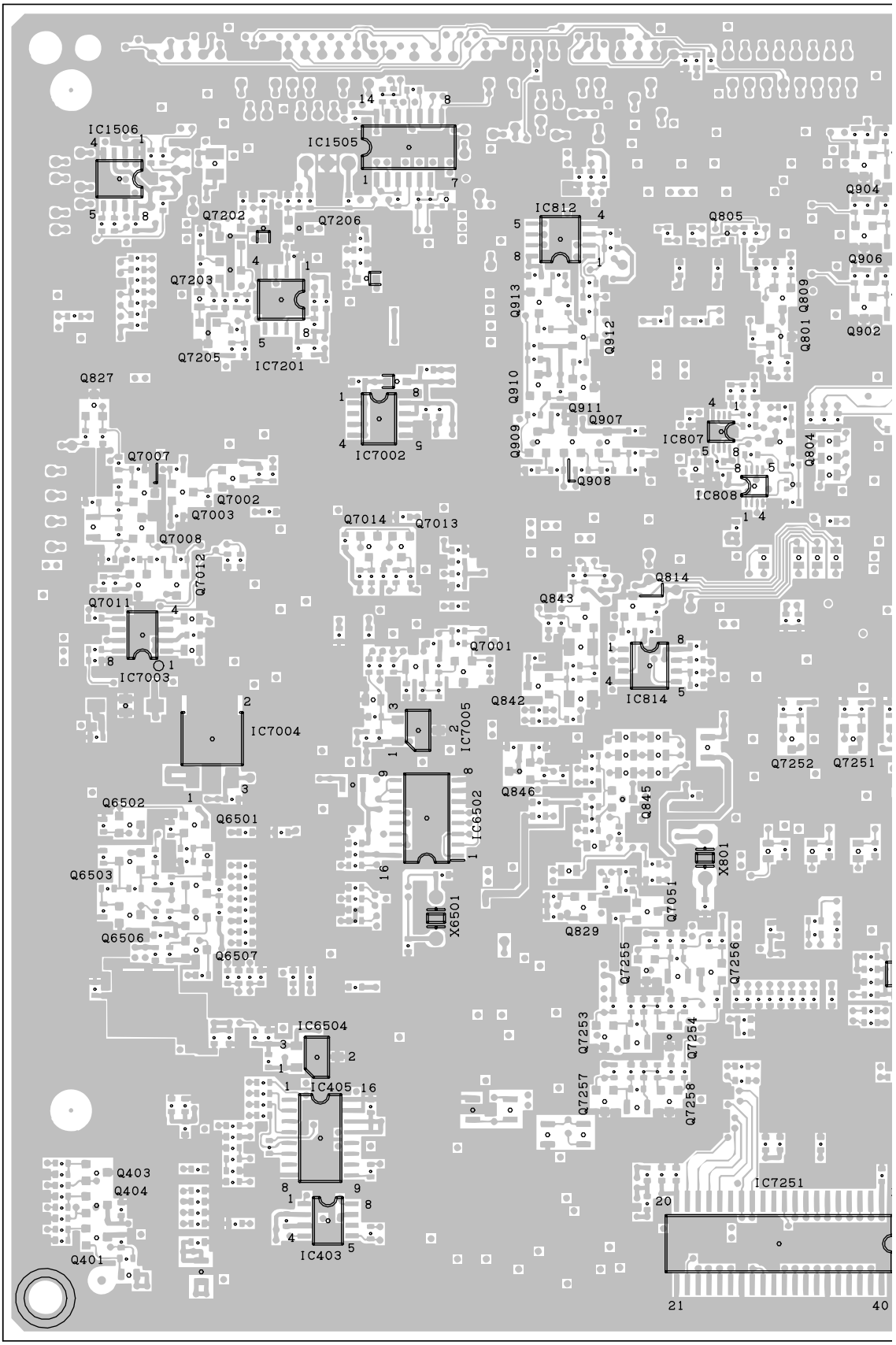


MAIN Unit (Chip parts Side-A)

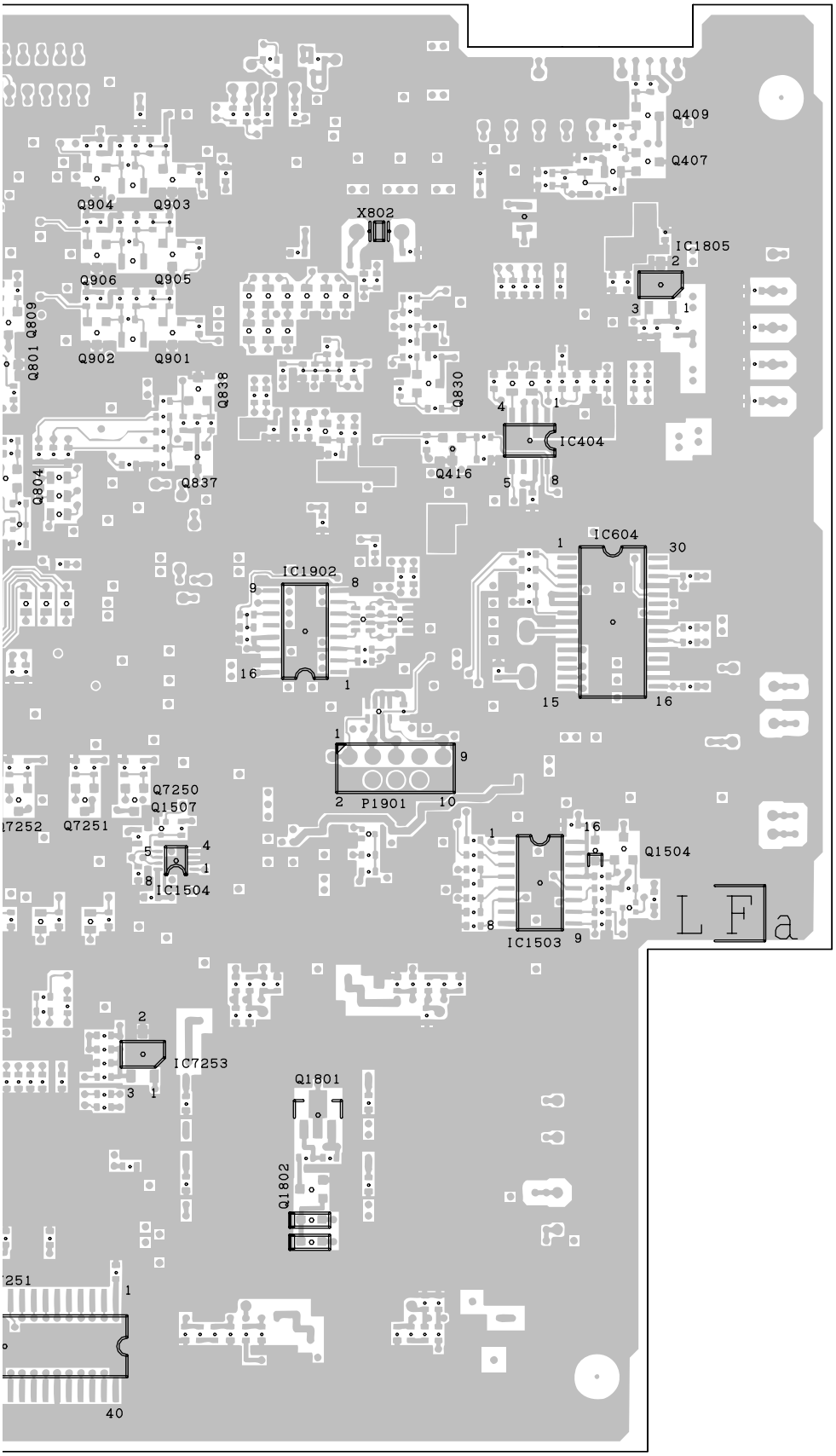


10	11	12	13	14	15	16	17	18	19

■ AVC System

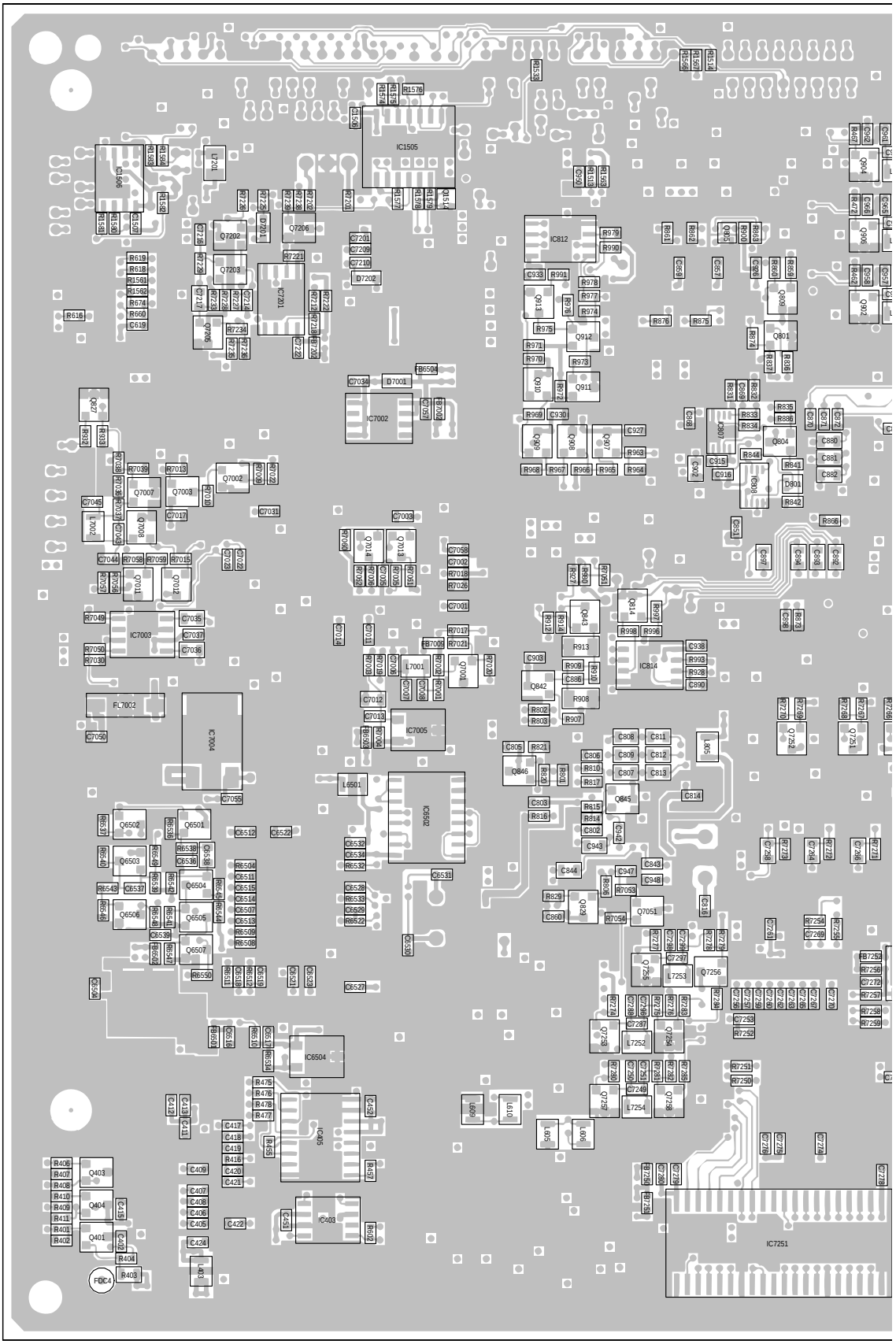


MAIN Unit (Side-B)

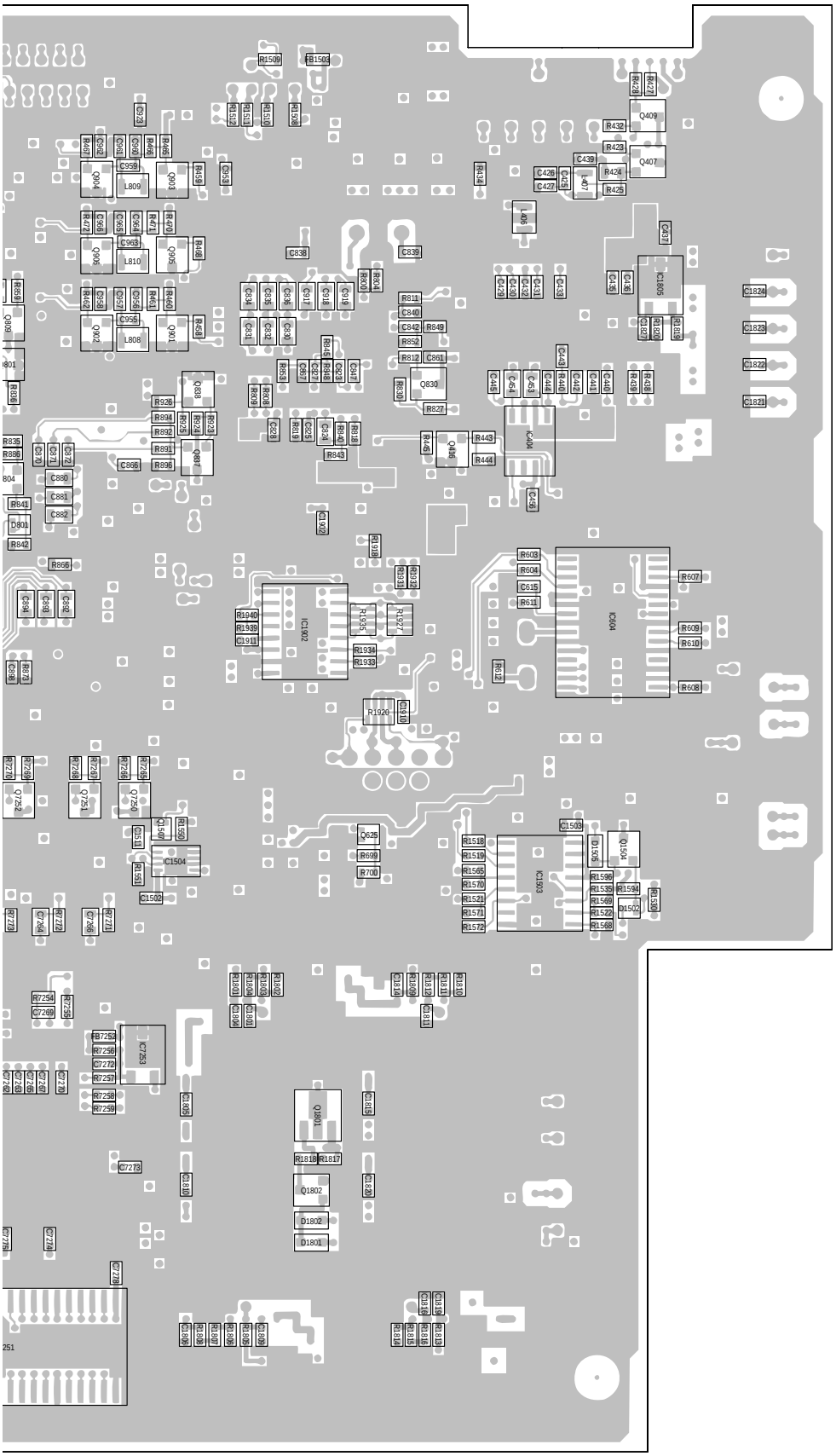


10	11	12	13	14	15	16	17	18	19

■ AVC System

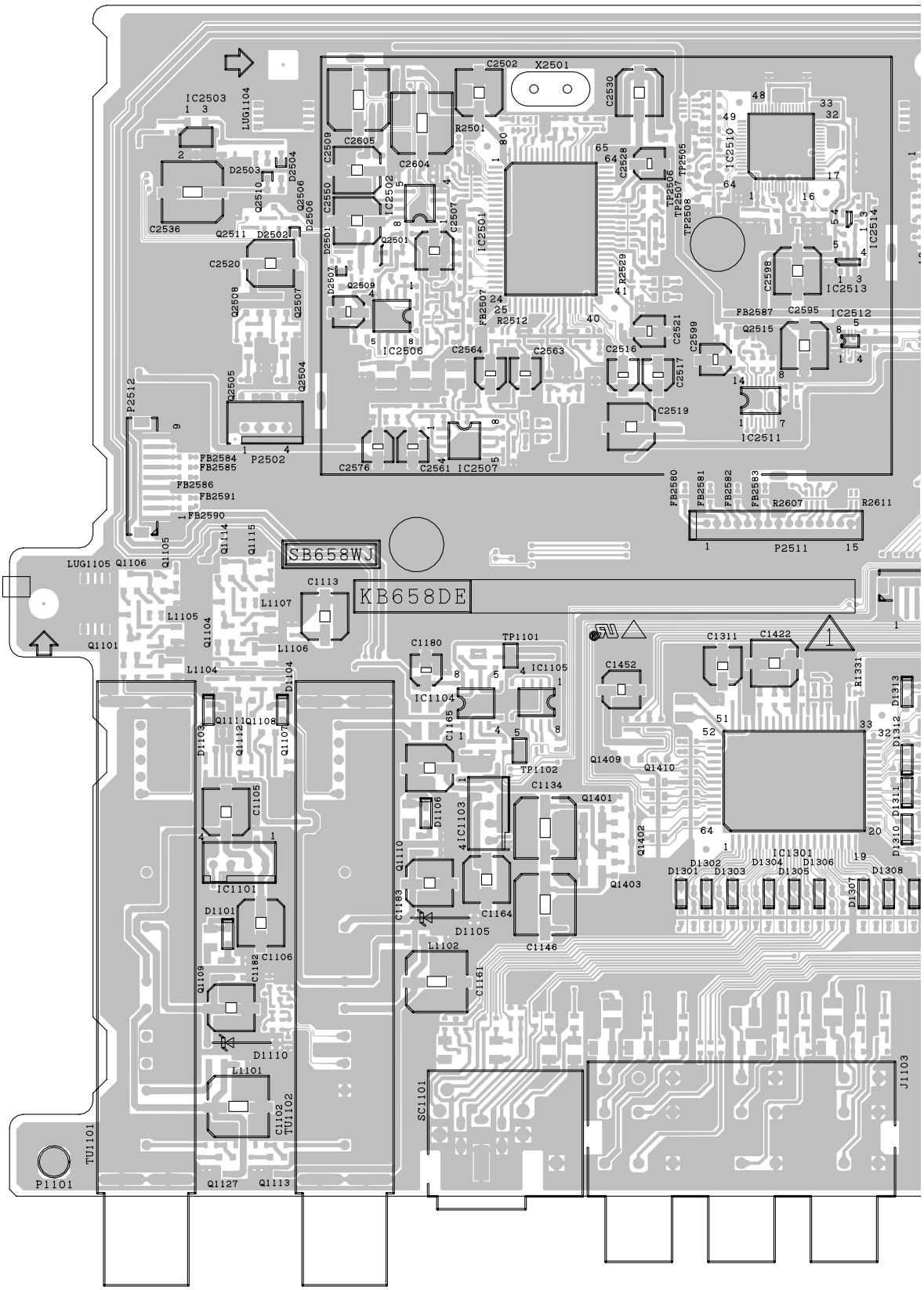


MAIN Unit (Chip Parts Side-B)



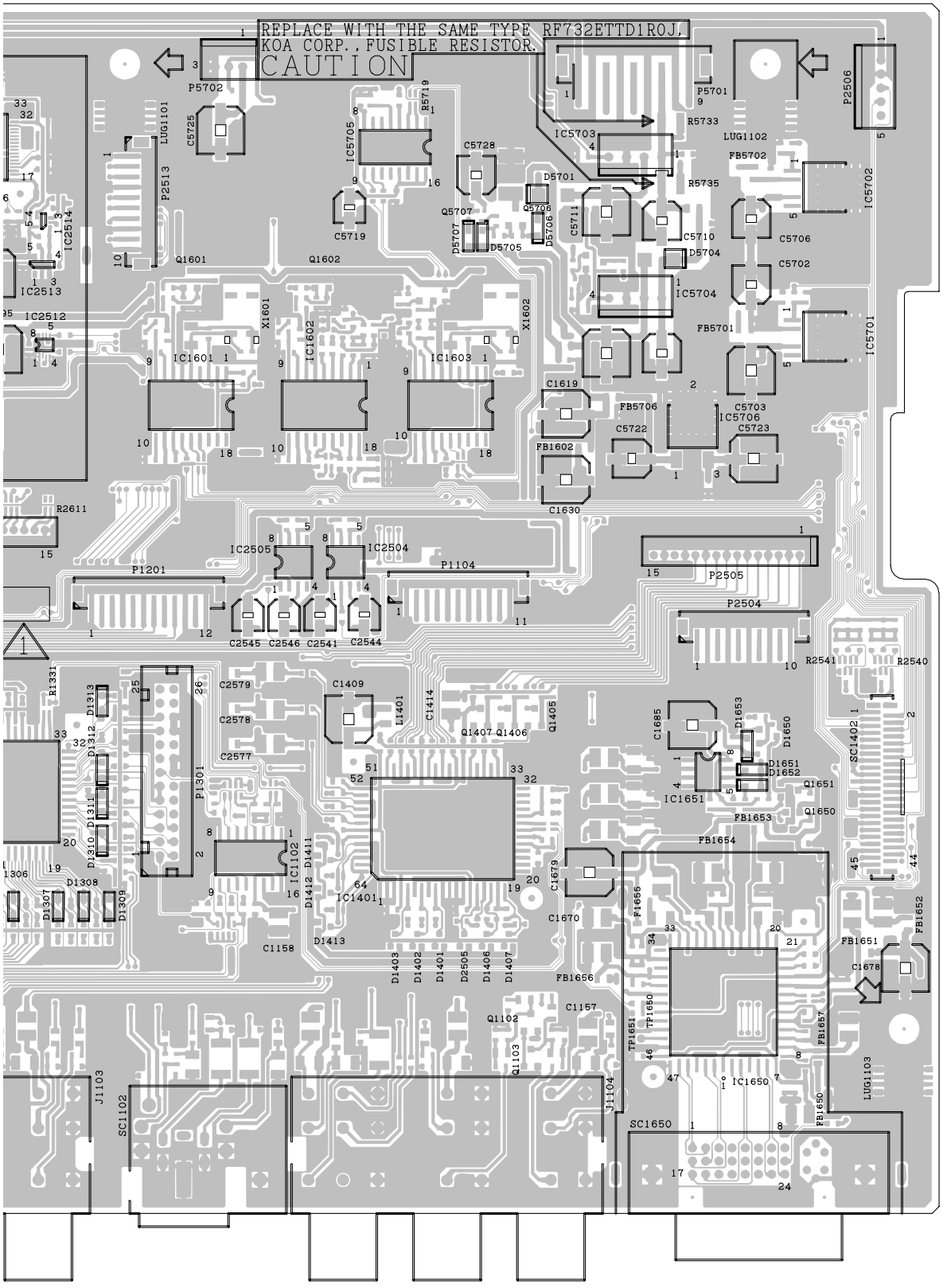
10	11	12	13	14	15	16	17	18	19

■ AVC System



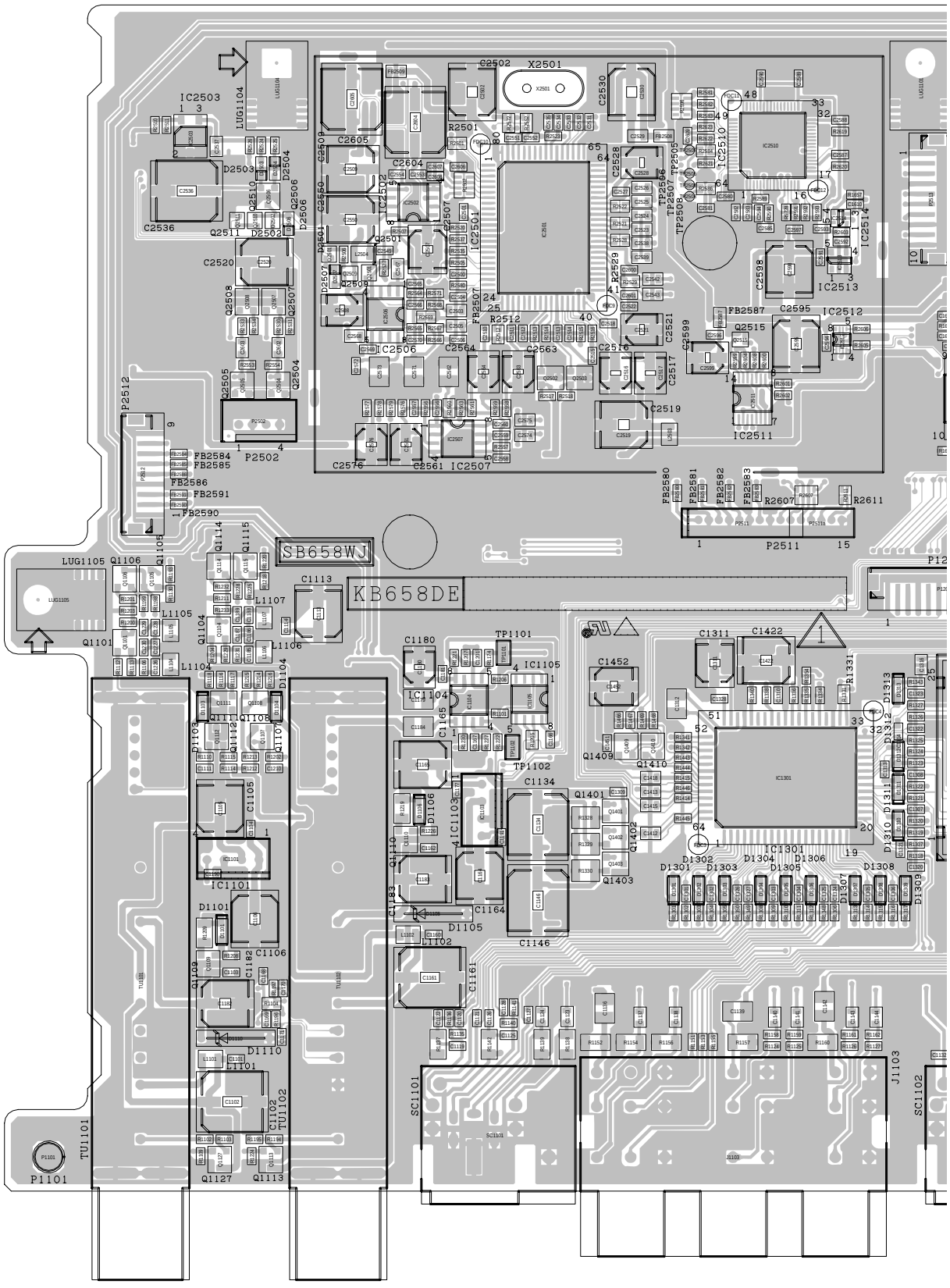
AV Unit (Component Side)

1	2	3	4	5	6	7	8	9	10

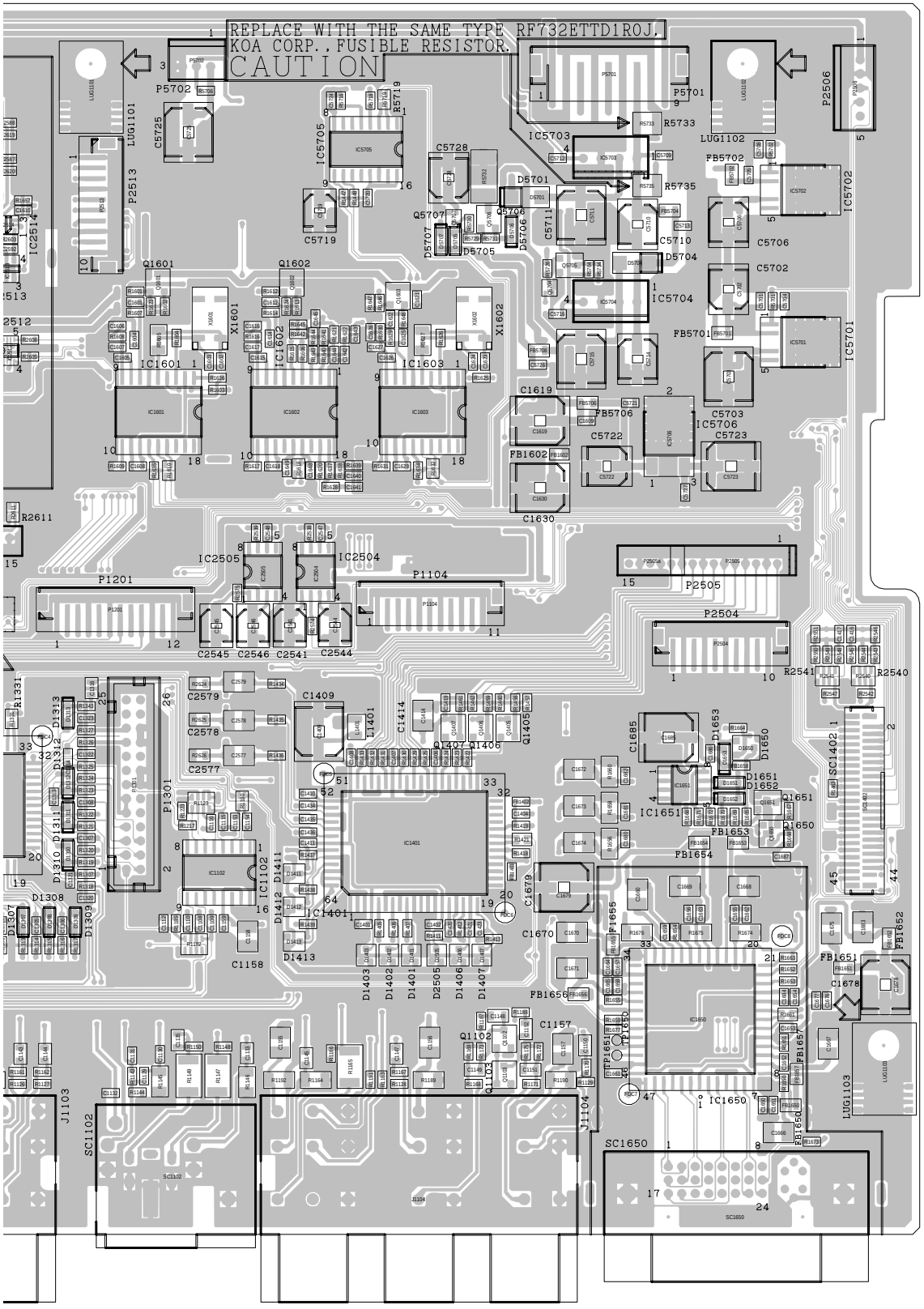


10	11	12	13	14	15	16	17	18	19

■ AVC System

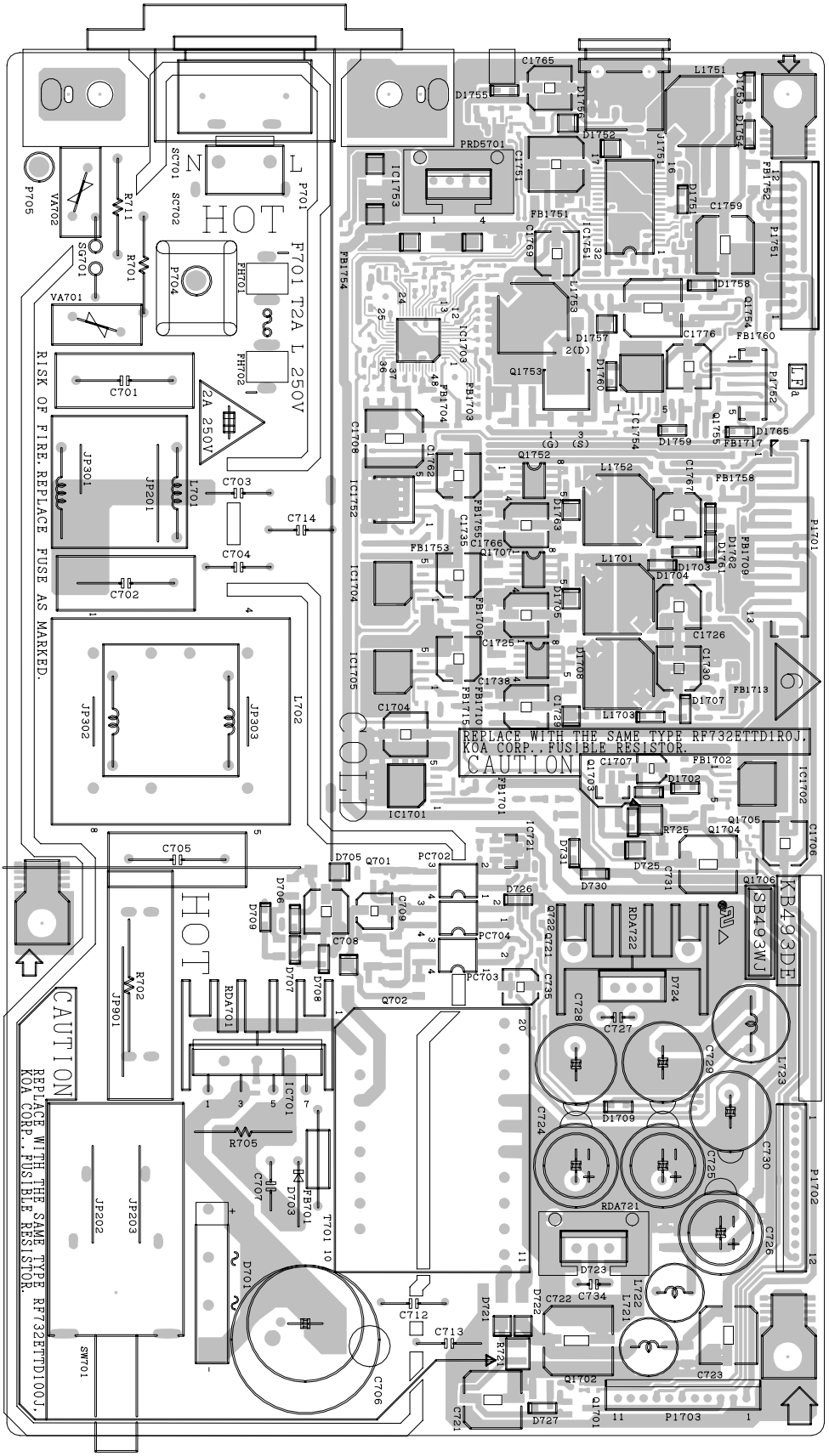


AV Unit (Chip Parts Side)



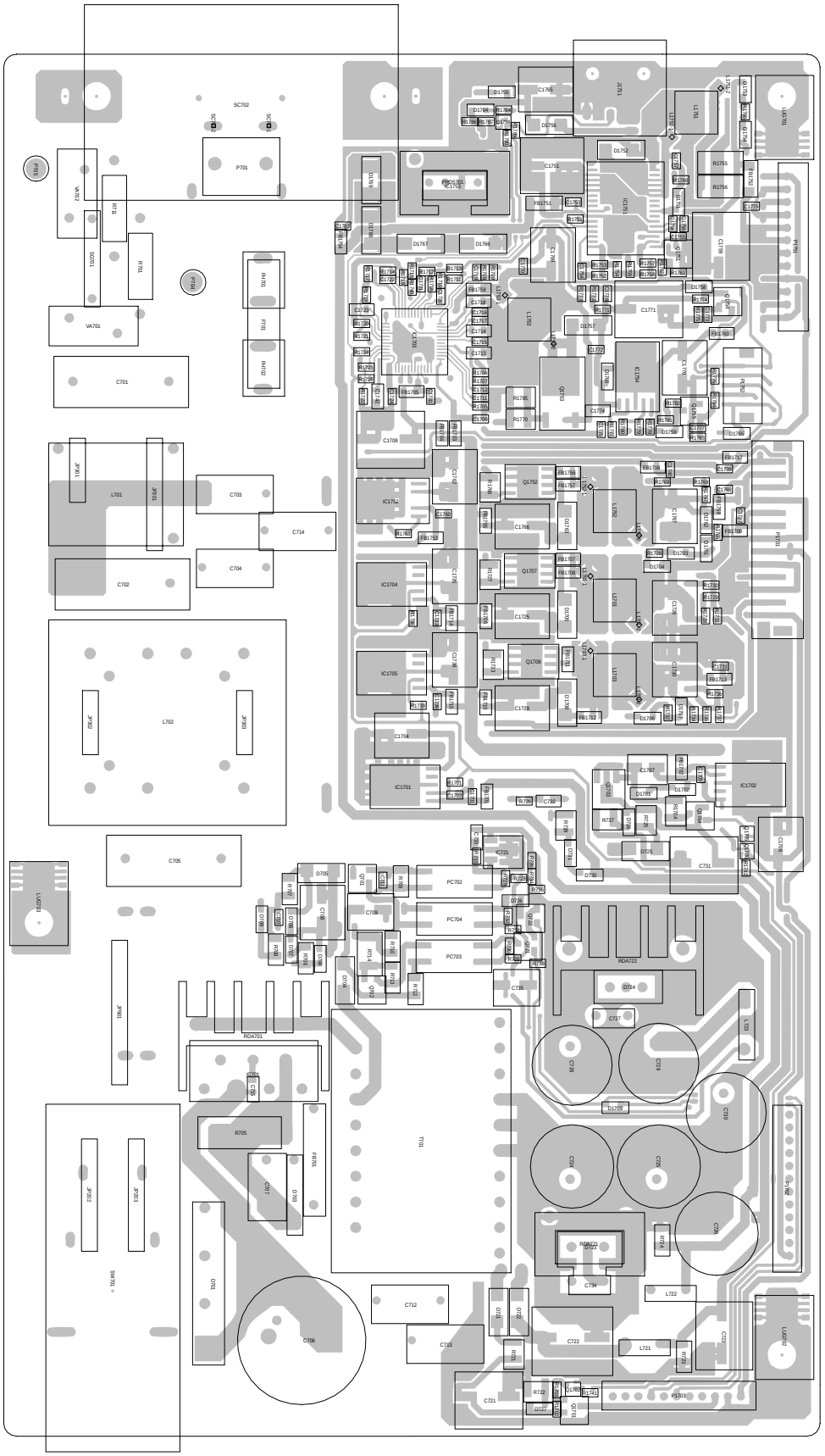
10	11	12	13	14	15	16	17	18	19

■ AVC System



POWER Unit (Component Side)

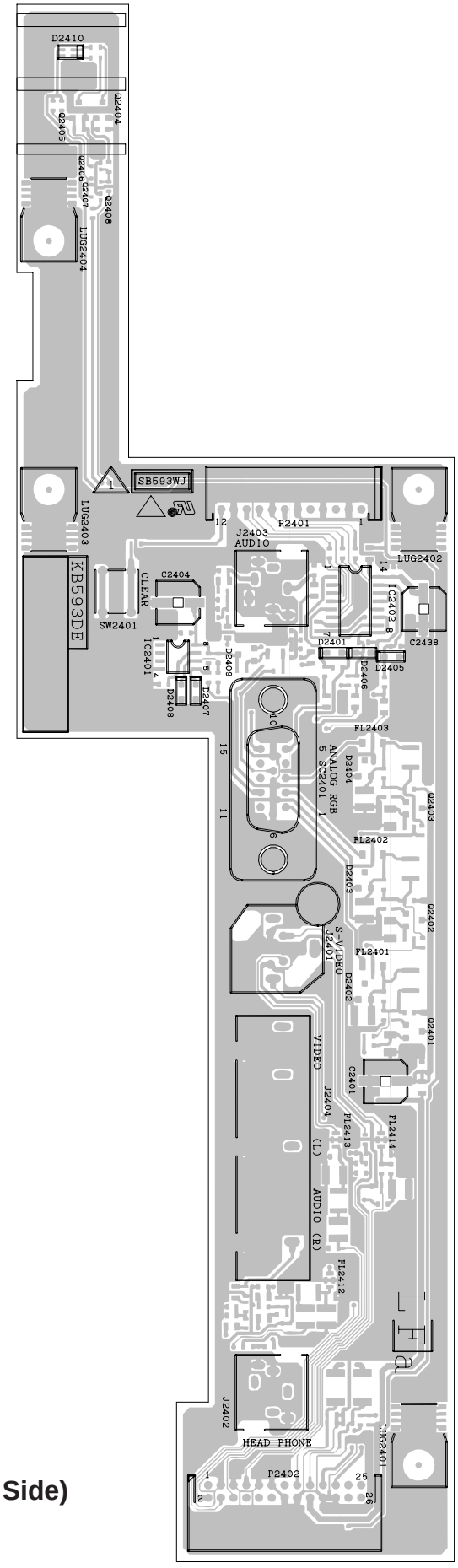
■ AVC System



POWER Unit (Chip Parts Side)

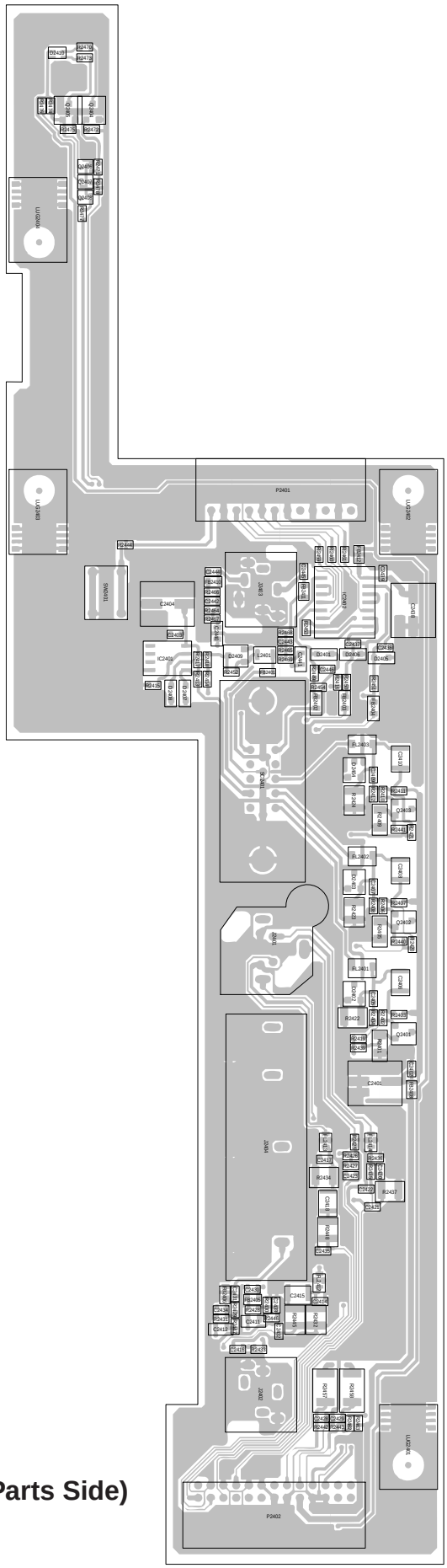
1	2	3	4	5	6

■ AVC System



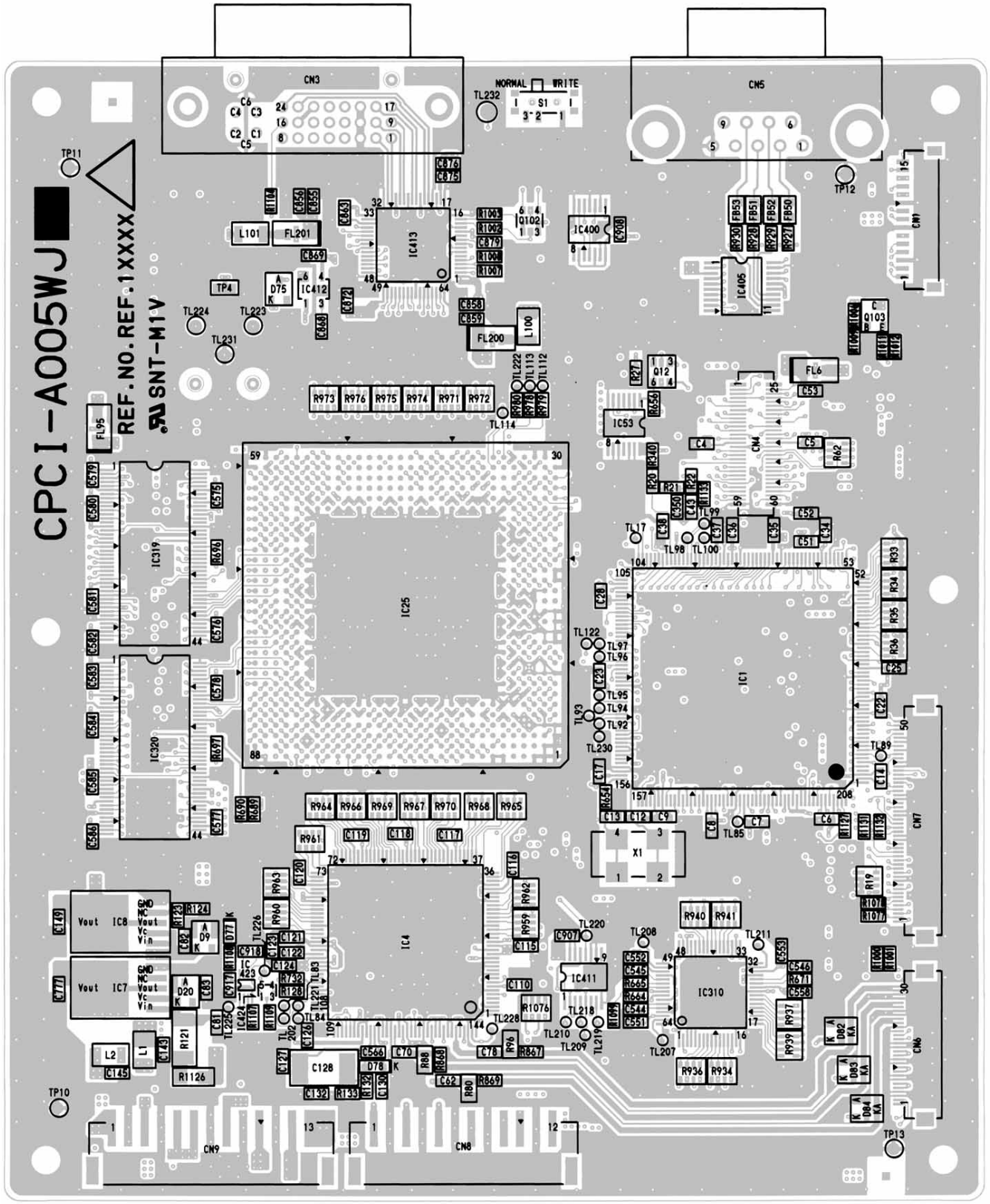
FRONT Unit (Component Side)

■ AVC System



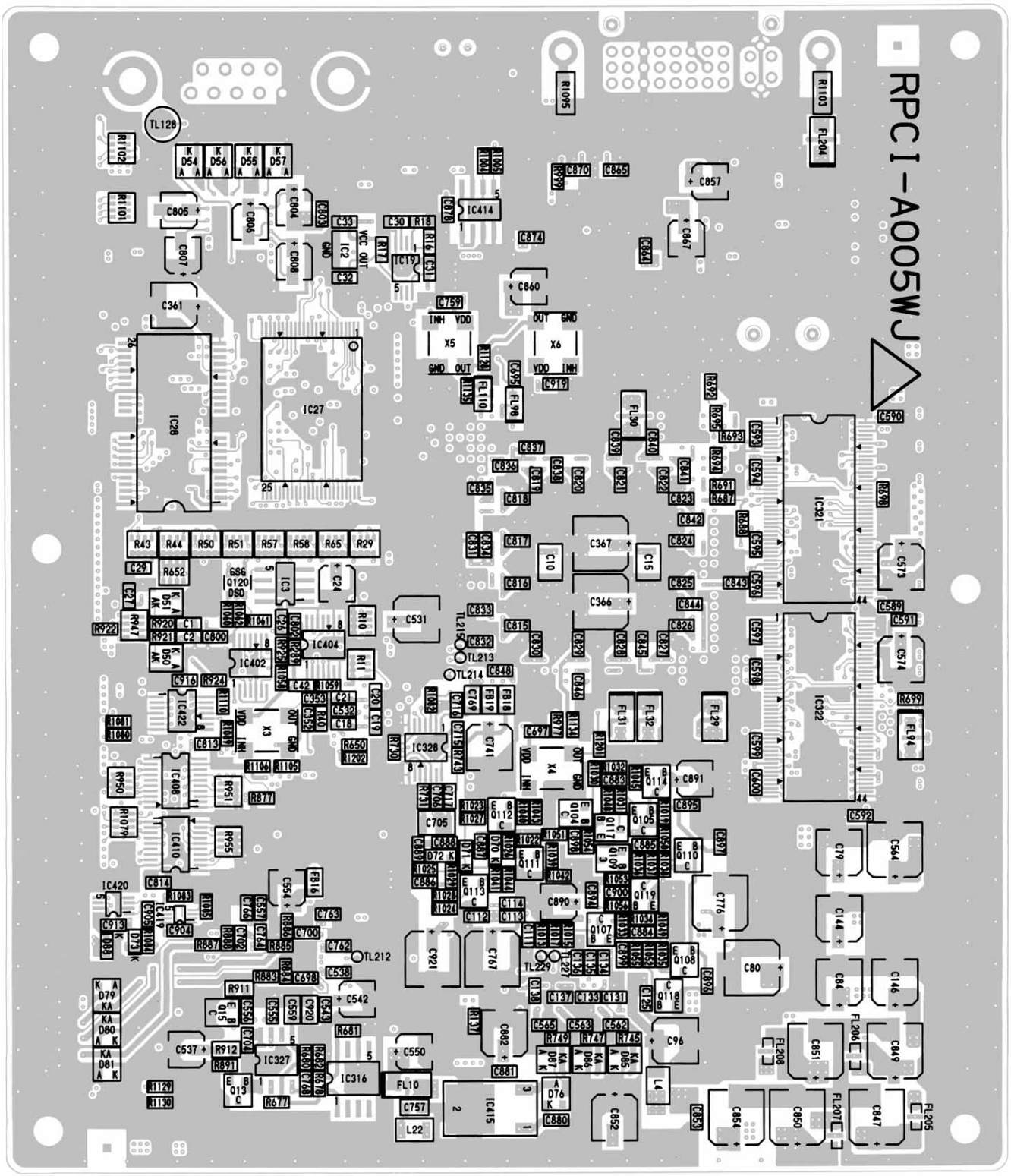
FRONT Unit (Chip Parts Side)

■ AVC System



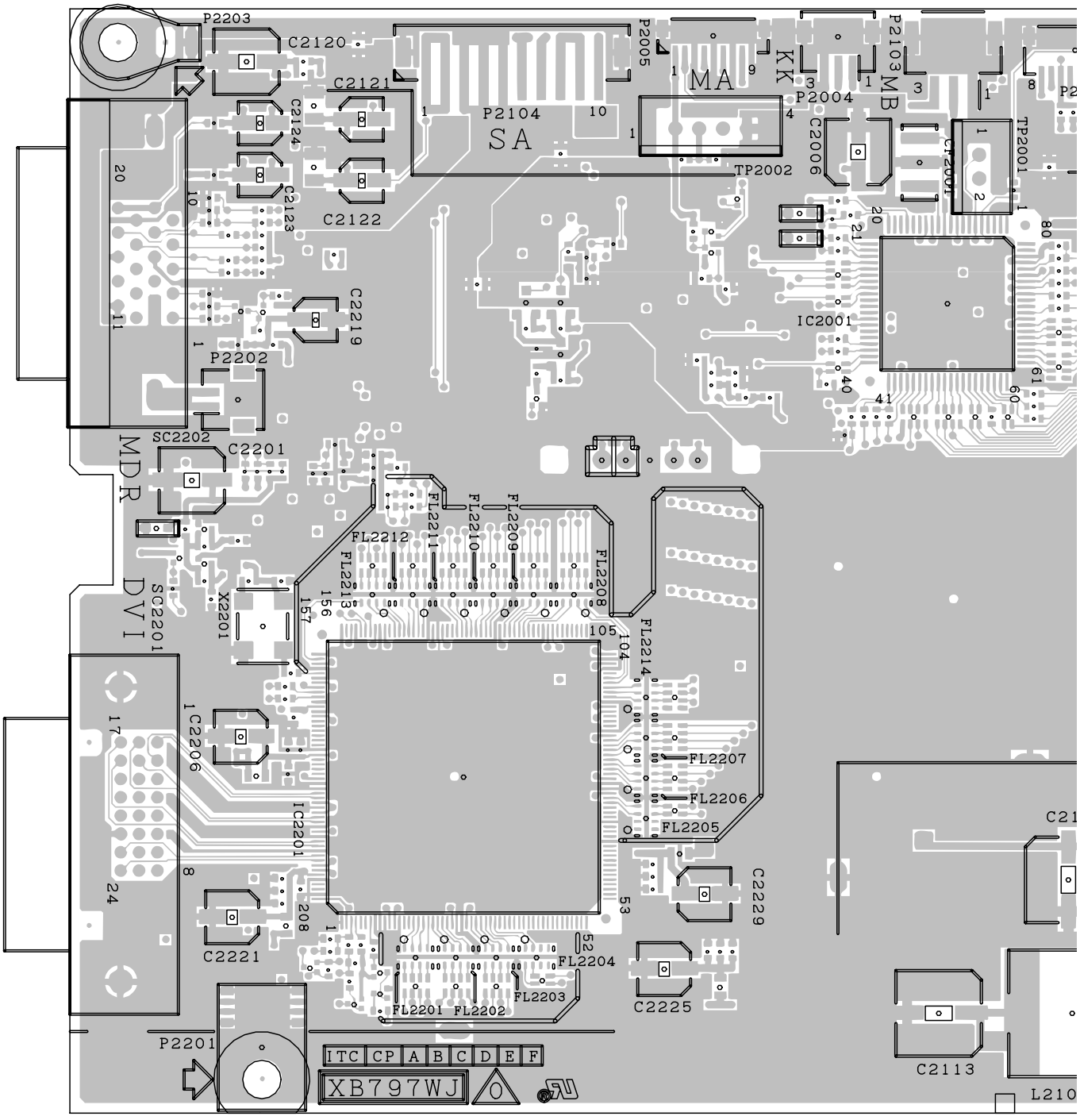
PC I/F Unit (Side-A)

■ AVC System

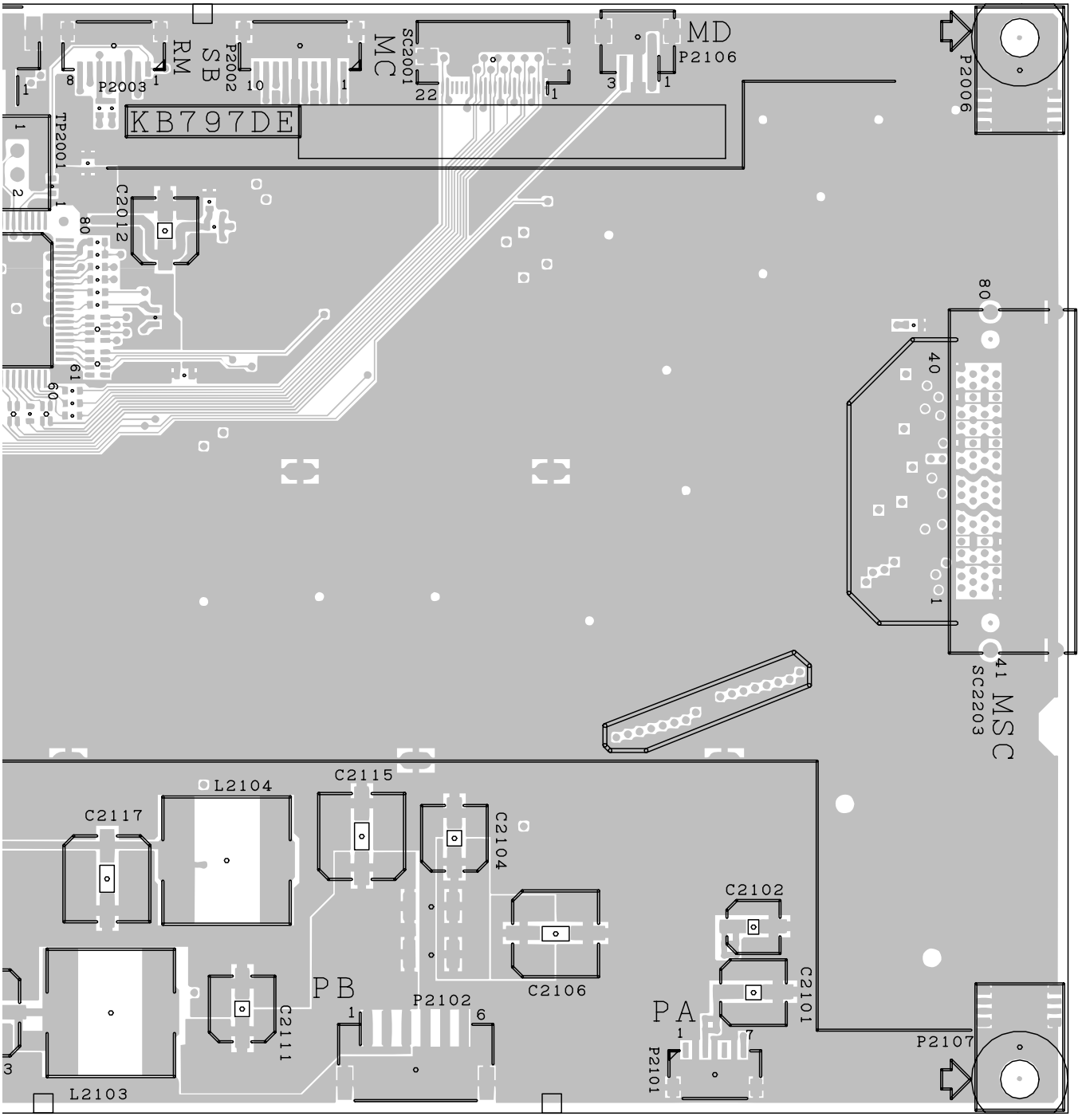


PC I/F Unit (Side-B)

■ Display

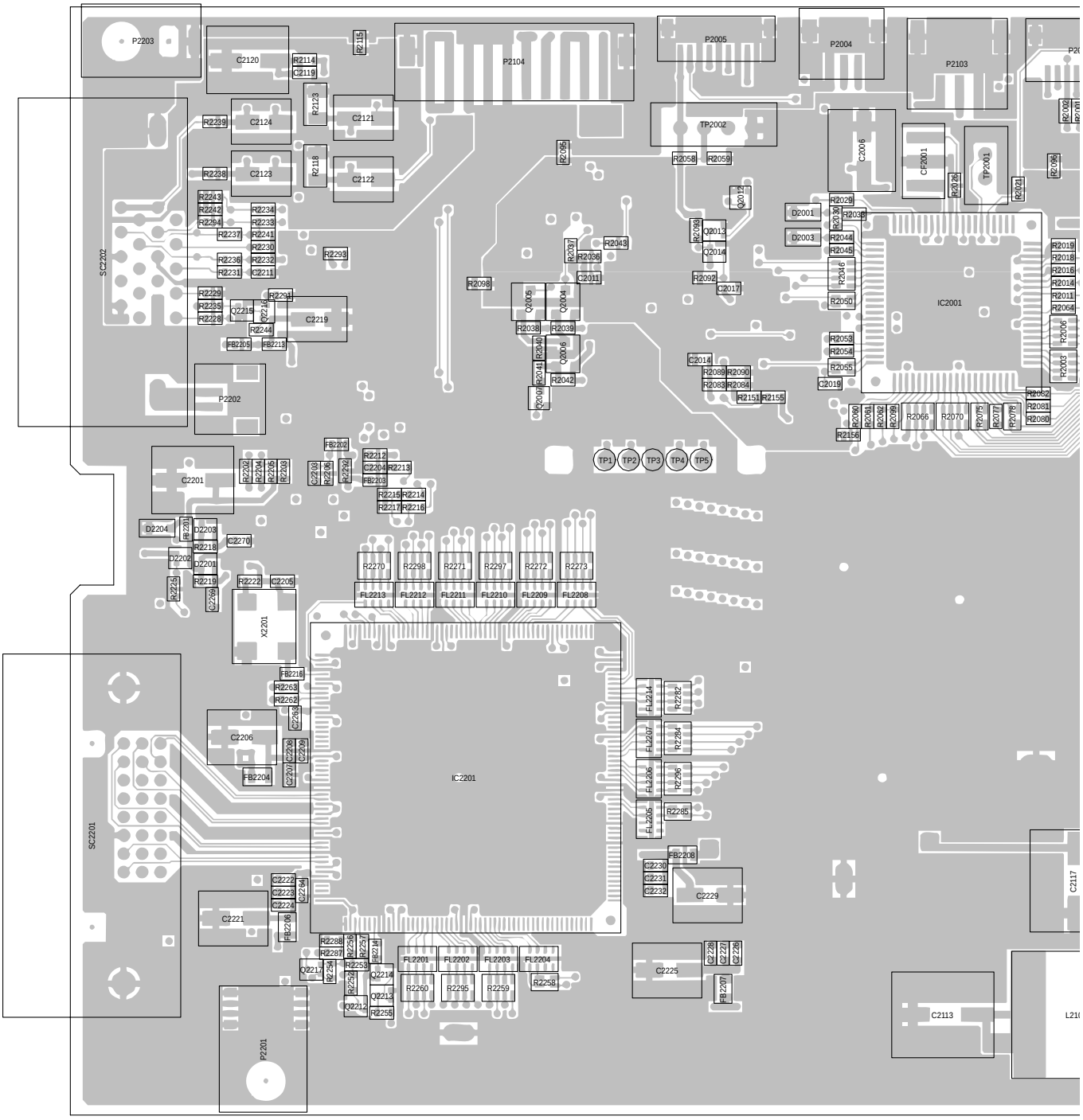


MAIN Unit (Component Side-A)

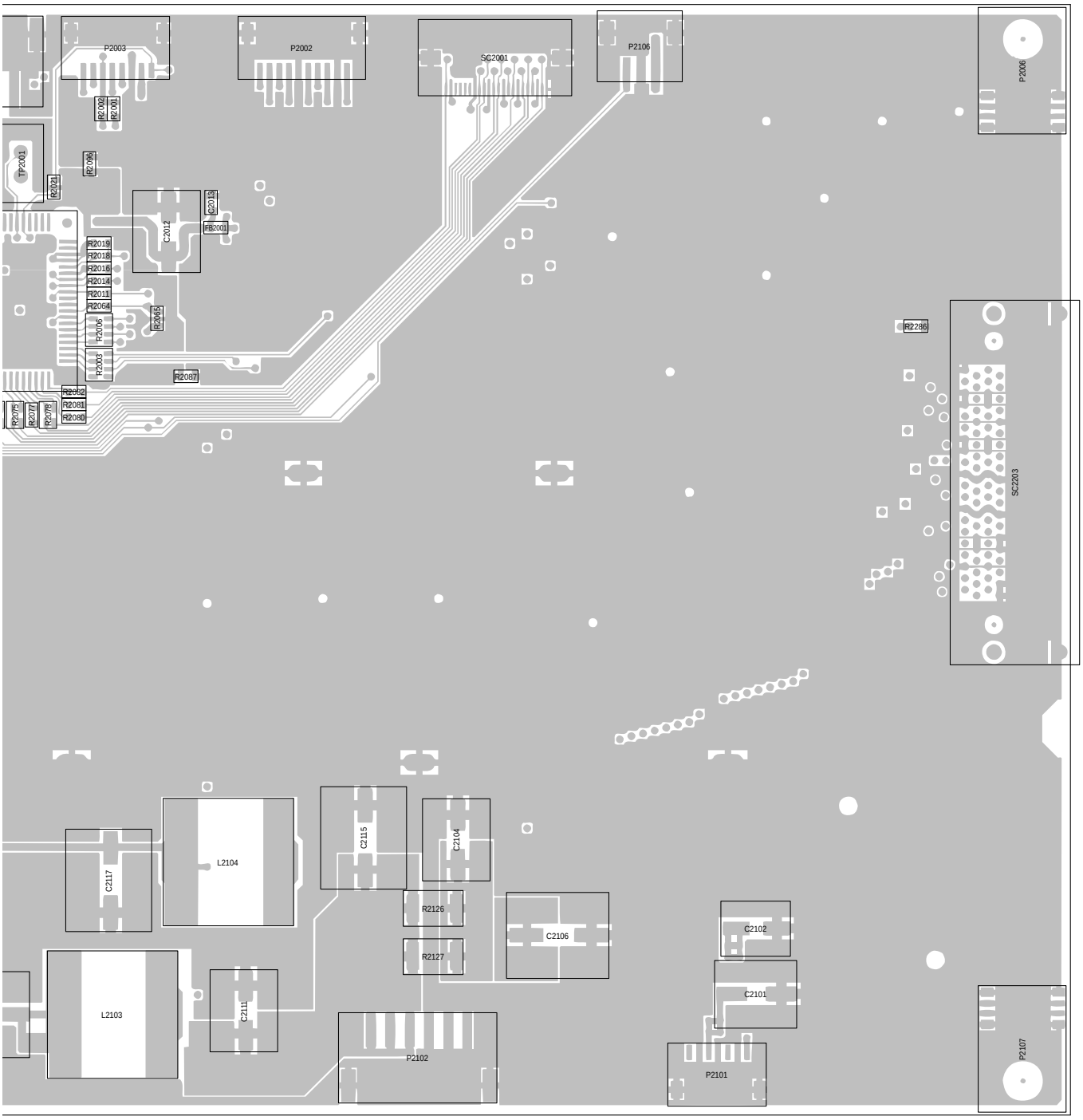


10	11	12	13	14	15	16	17	18	19

■ Display

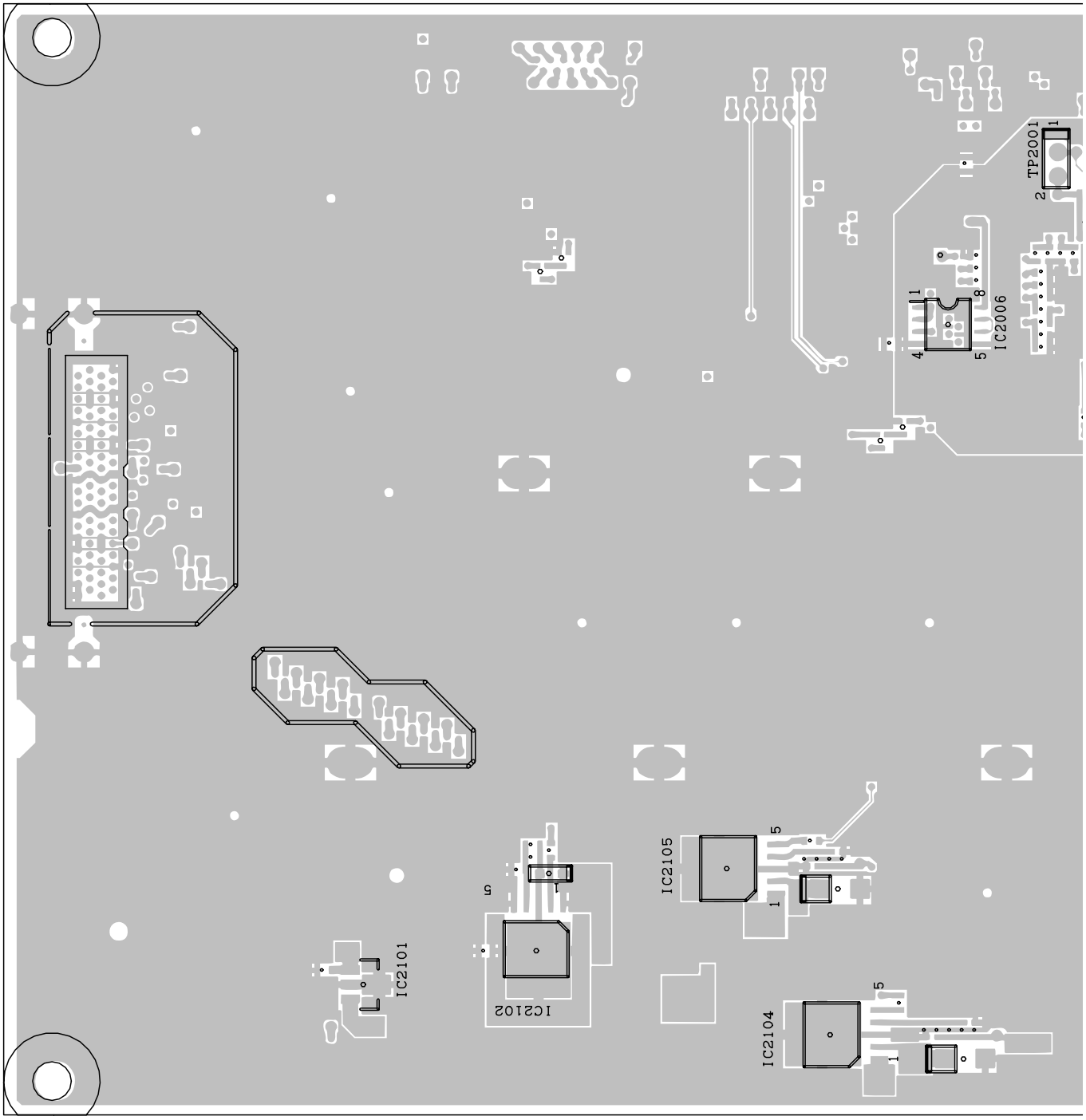


MAIN Unit (Chip Parts Side-A)

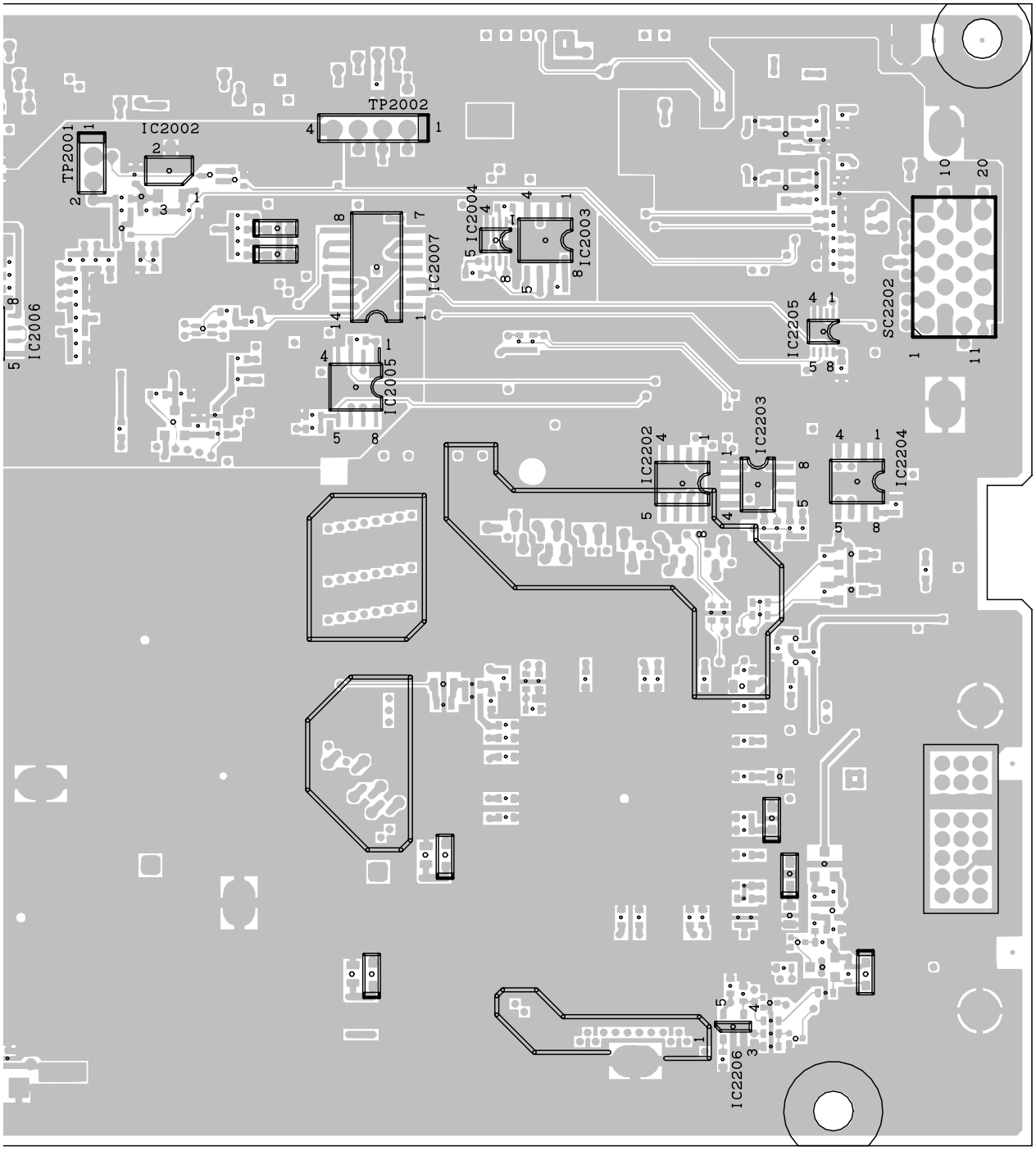


10	11	12	13	14	15	16	17	18	19

■ Display

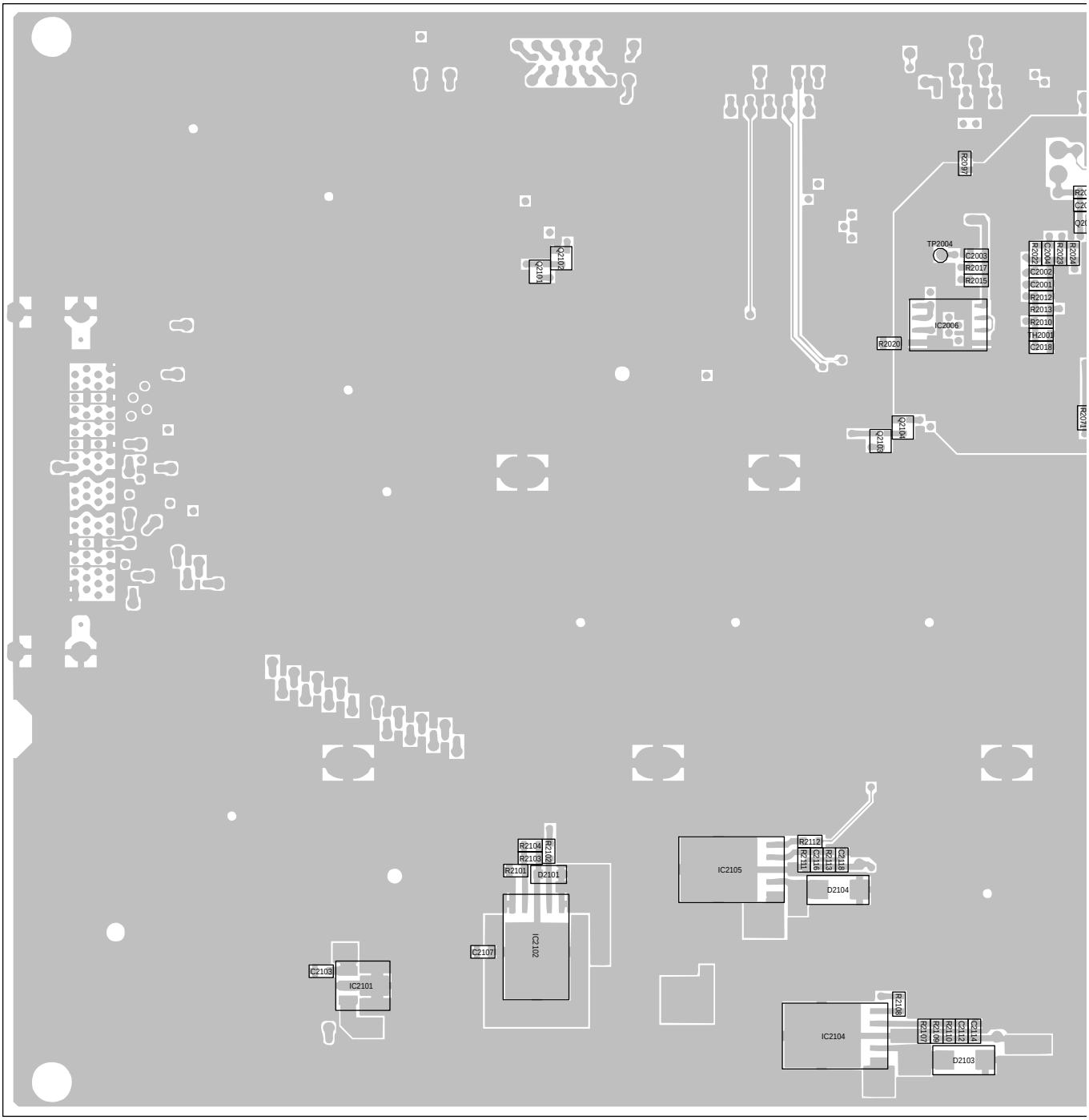


MAIN Unit (Component Side-B)

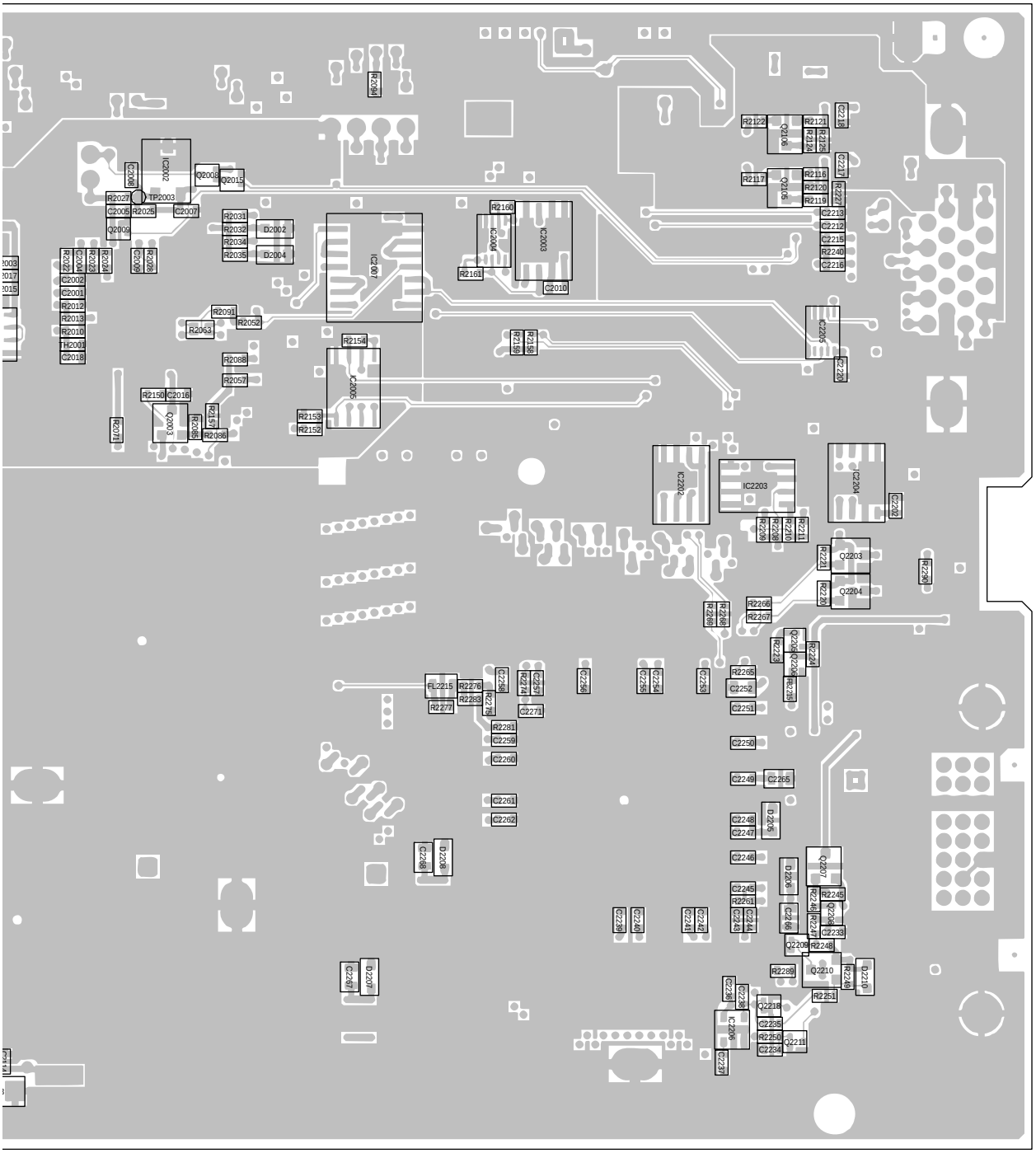


10	11	12	13	14	15	16	17	18	19

■ Display

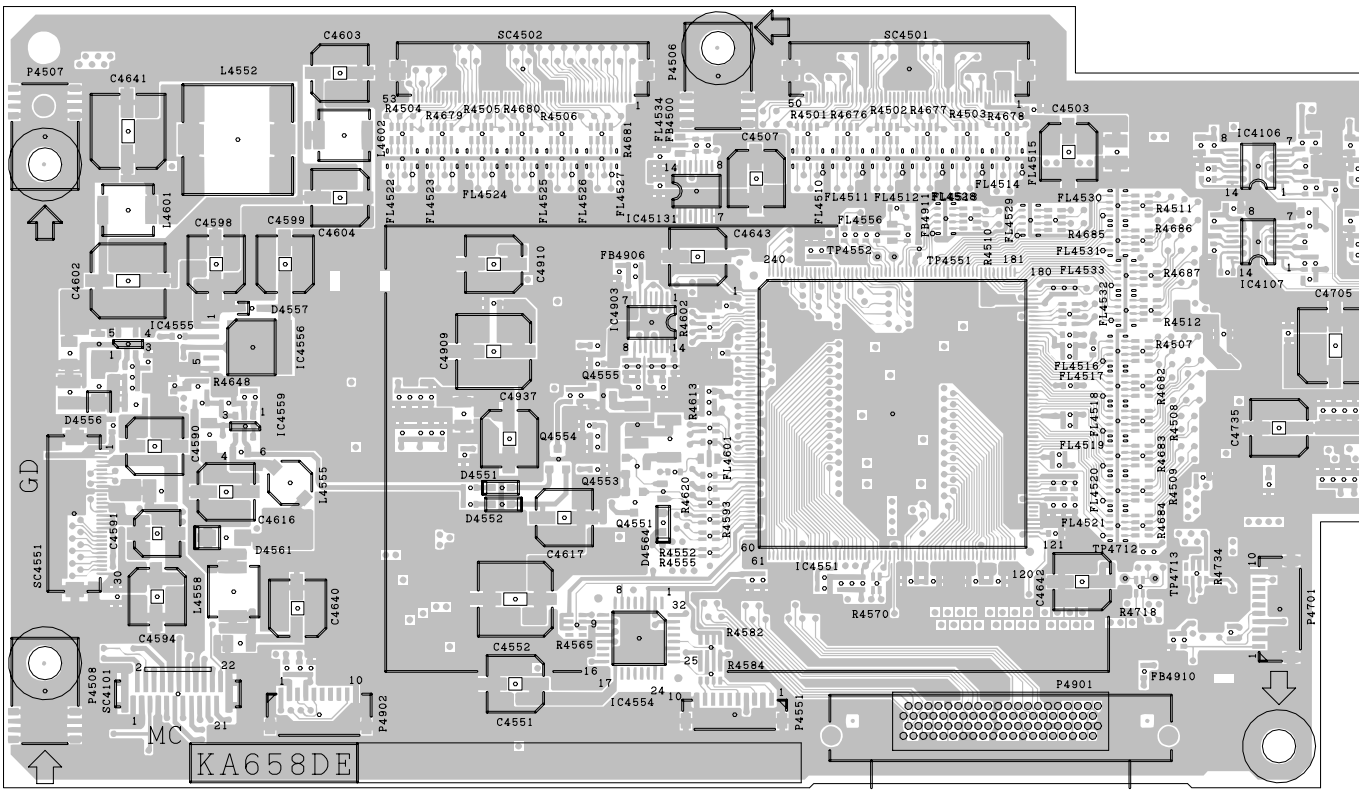


MAIN Unit (Component Side-B)

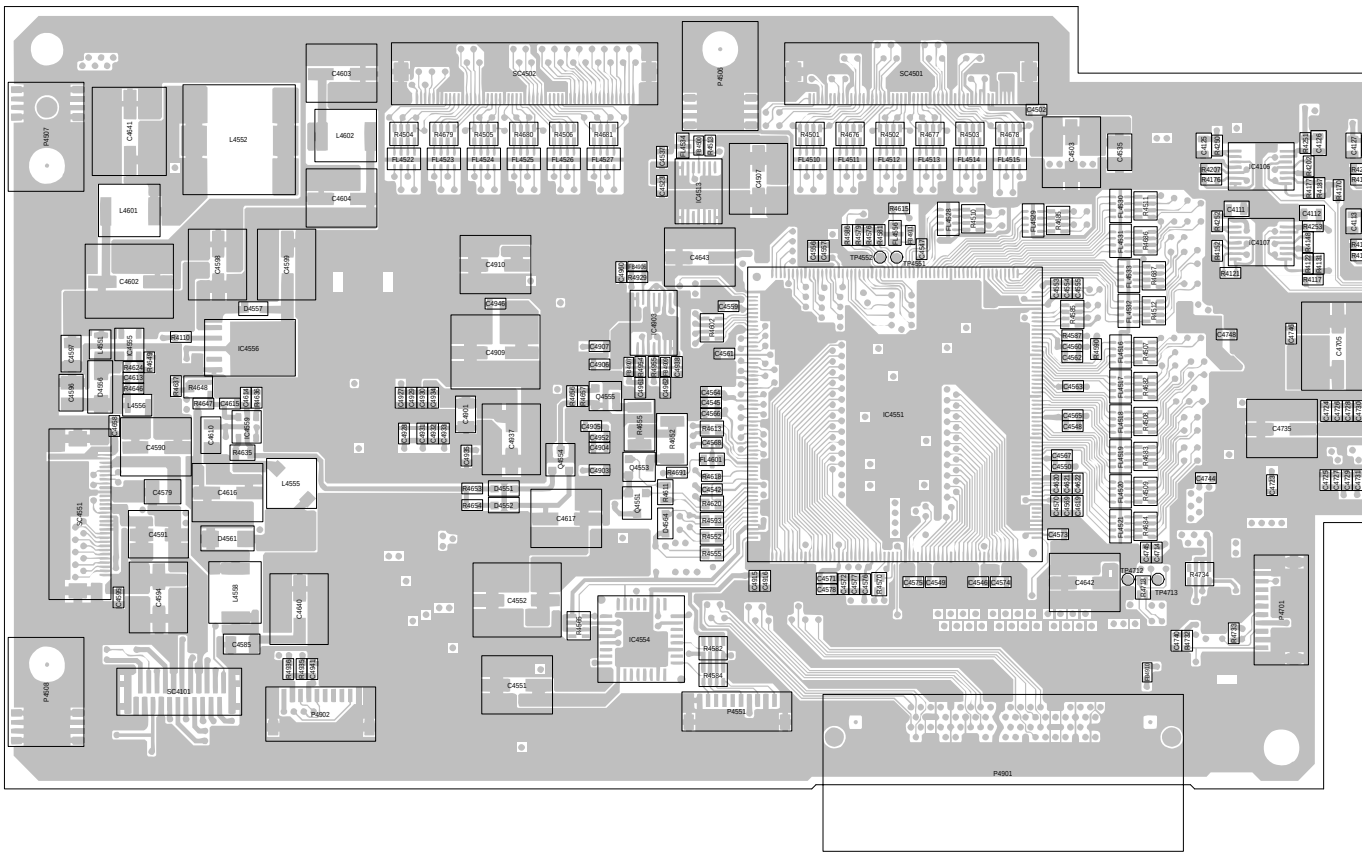


10	11	12	13	14	15	16	17	18	19

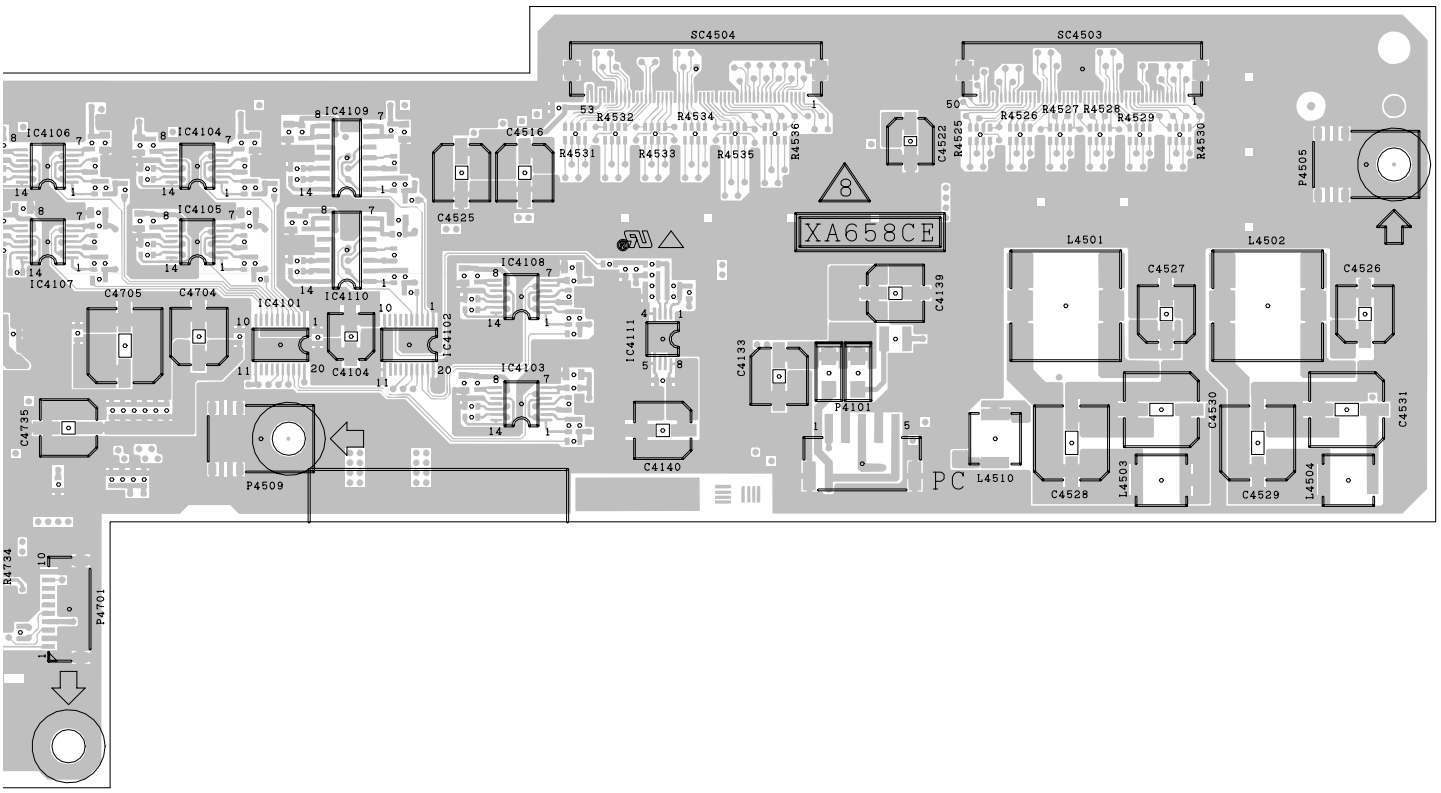
■ Display

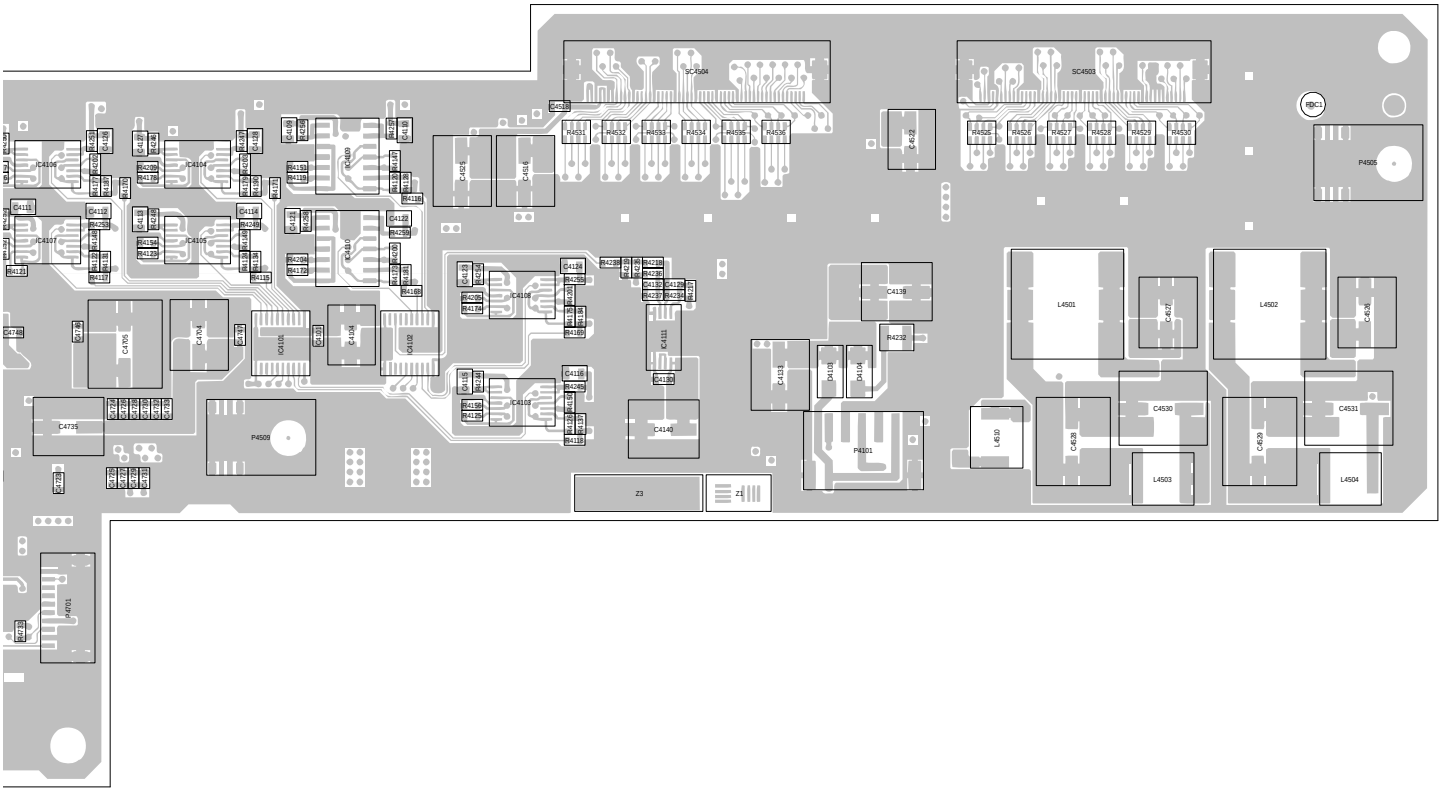


LCD CONTROL Unit (Component Side-A)



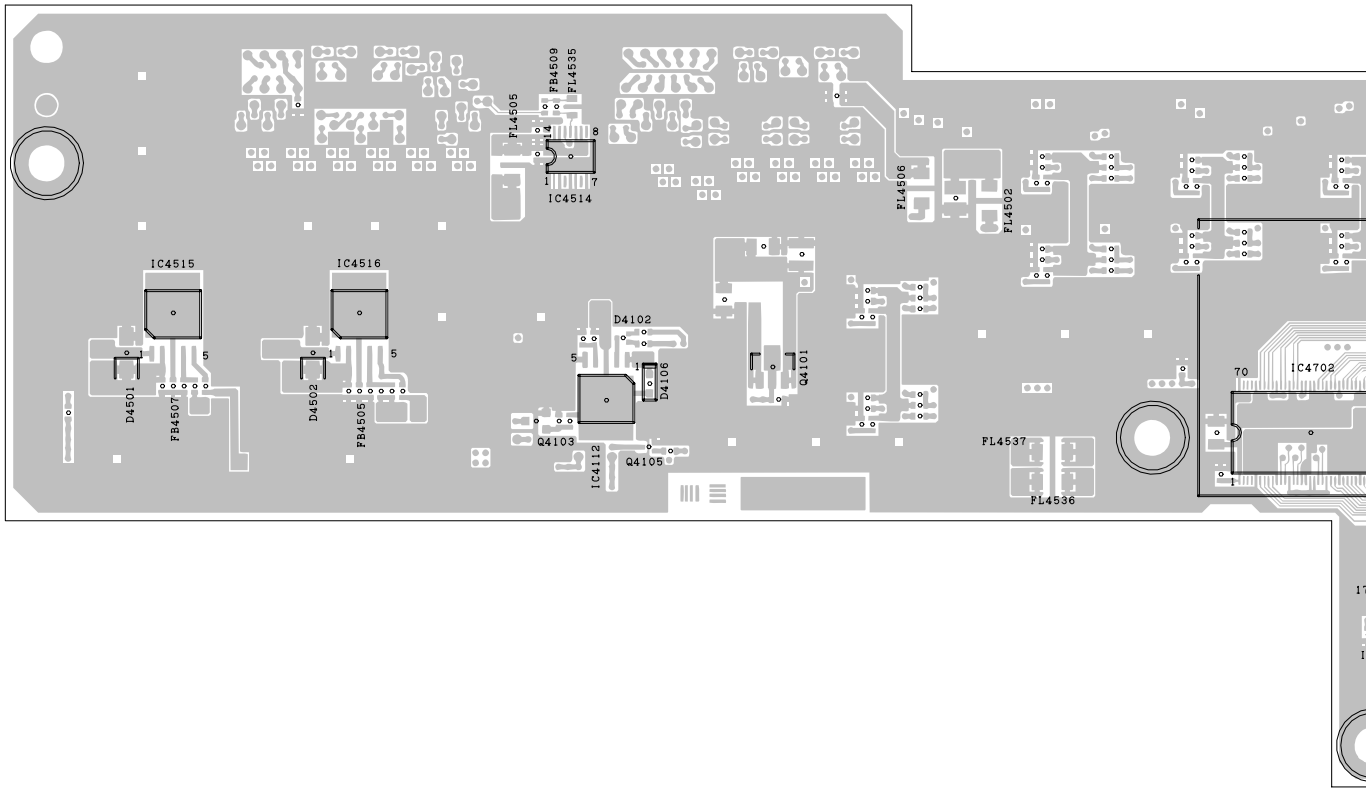
LCD CONTROL Unit (Chip Parts Side-A)



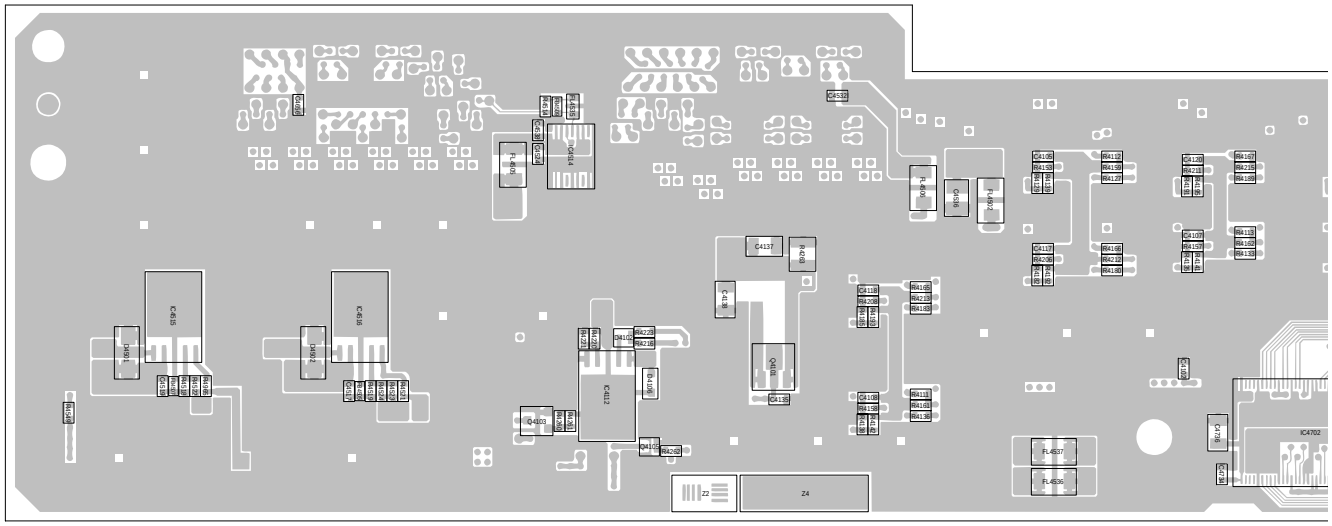


10	11	12	13	14	15	16	17	18	19

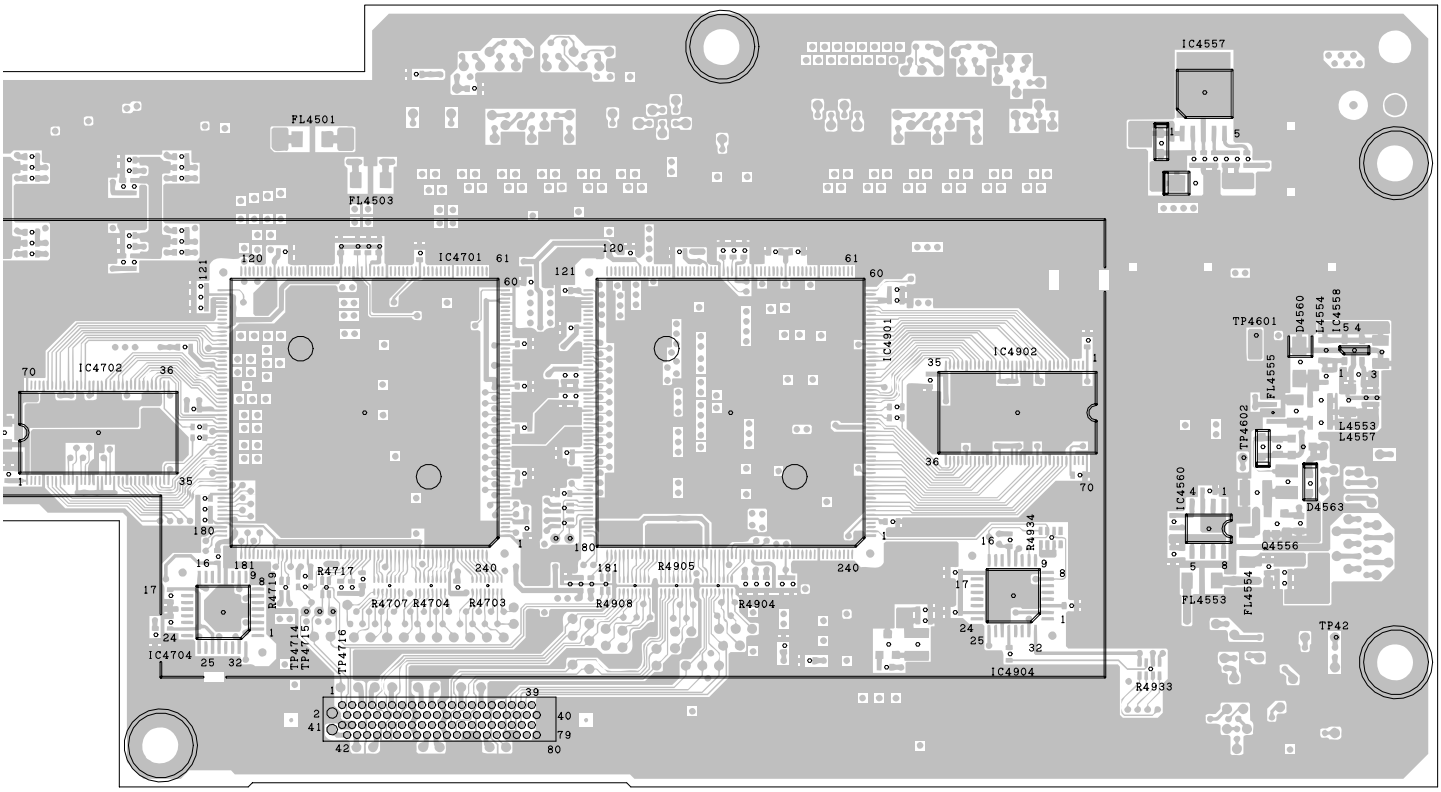
■ Display

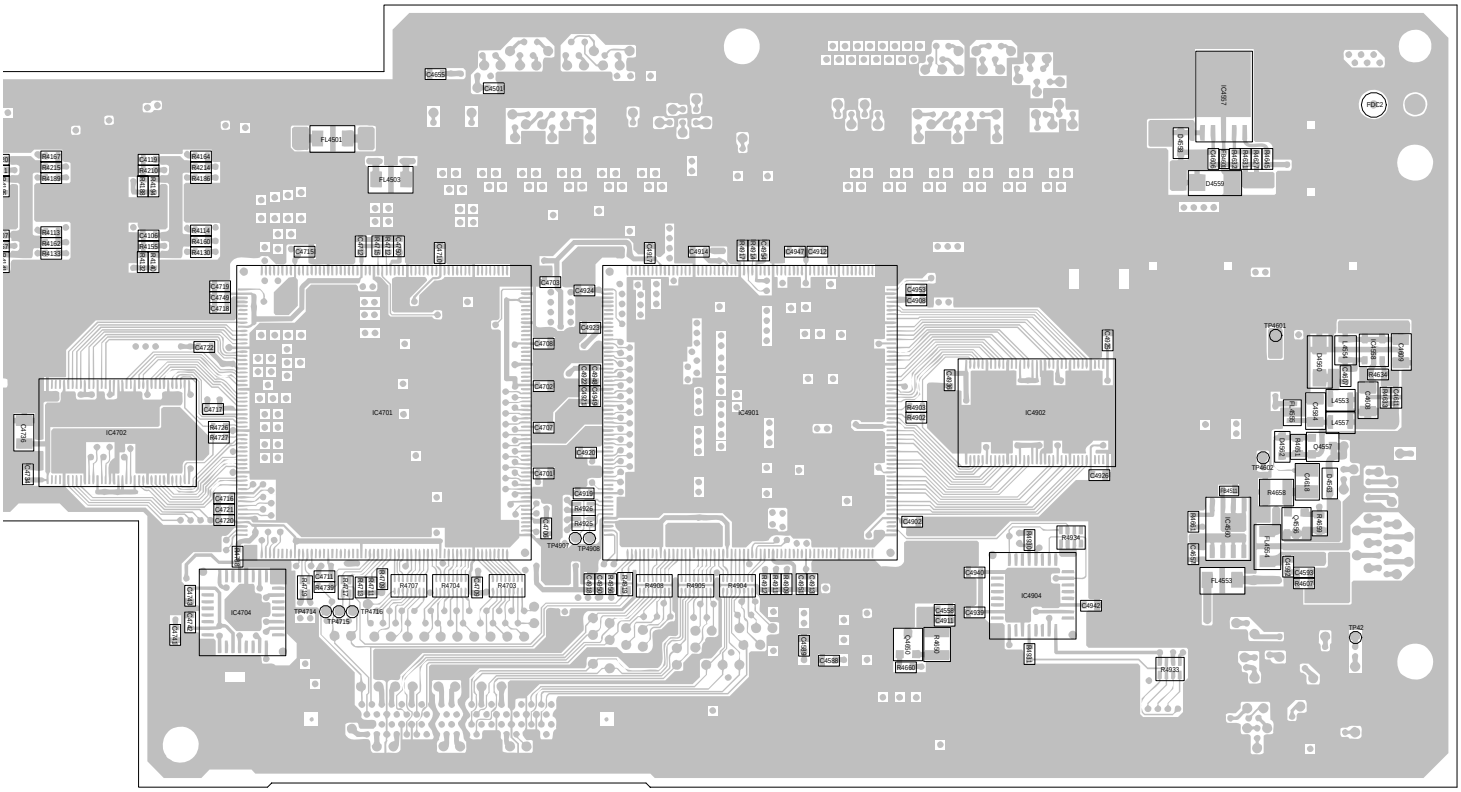


LCD CONTROL Unit (Component Side-B)



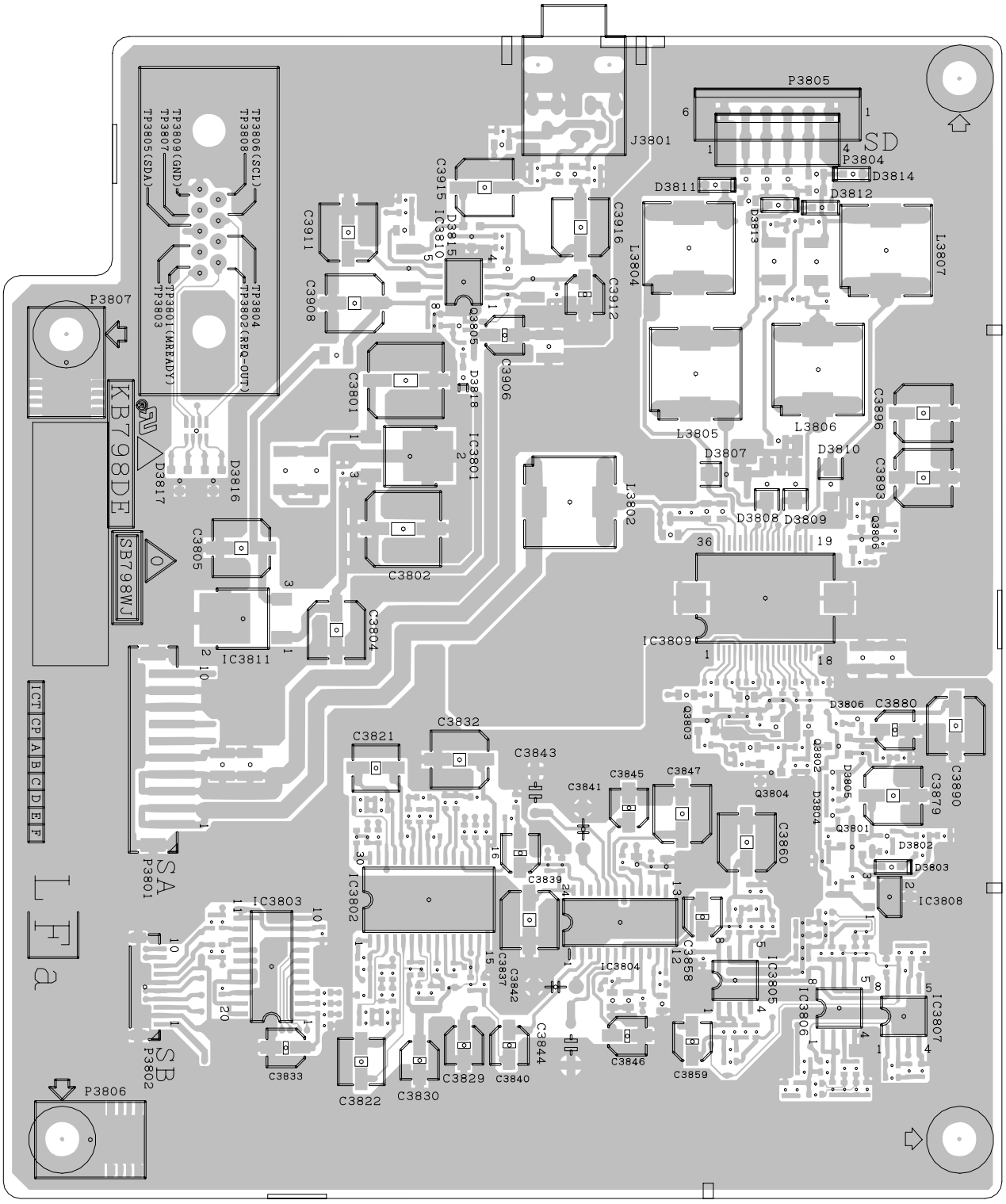
LCD CONTROL Unit (Chip Parts Side-B)





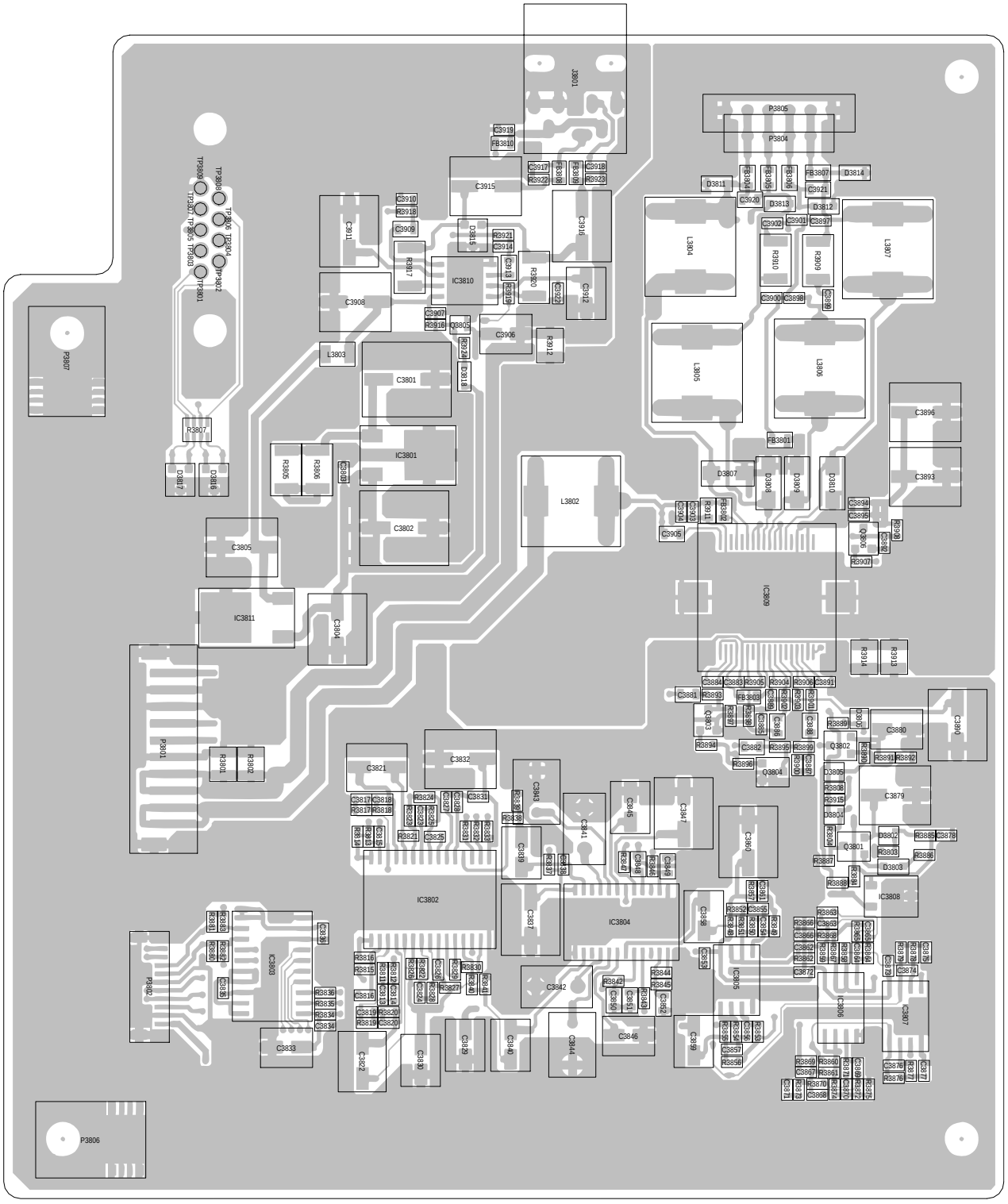
10	11	12	13	14	15	16	17	18	19

■ Display



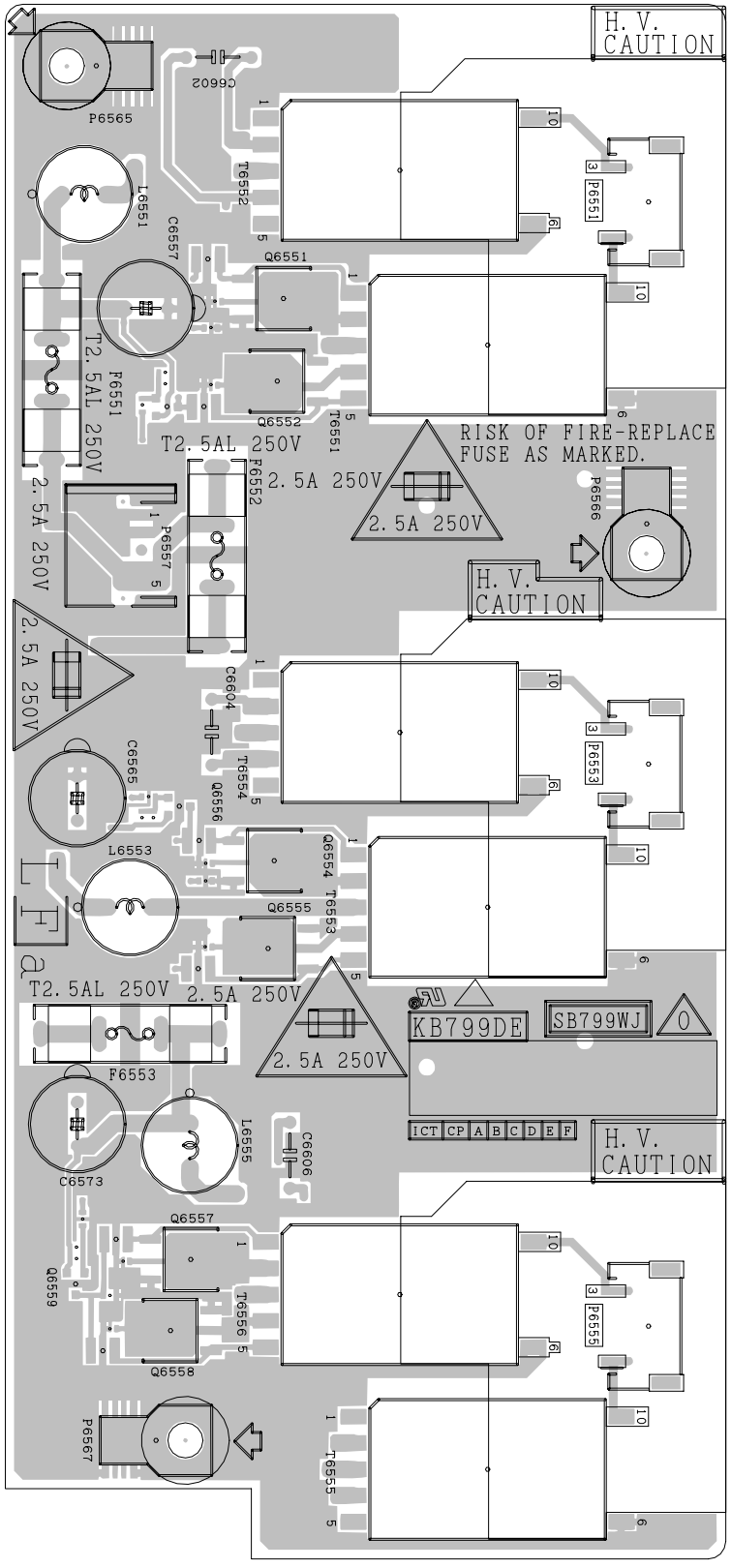
AUDIO Unit (Component Side)

■ Display



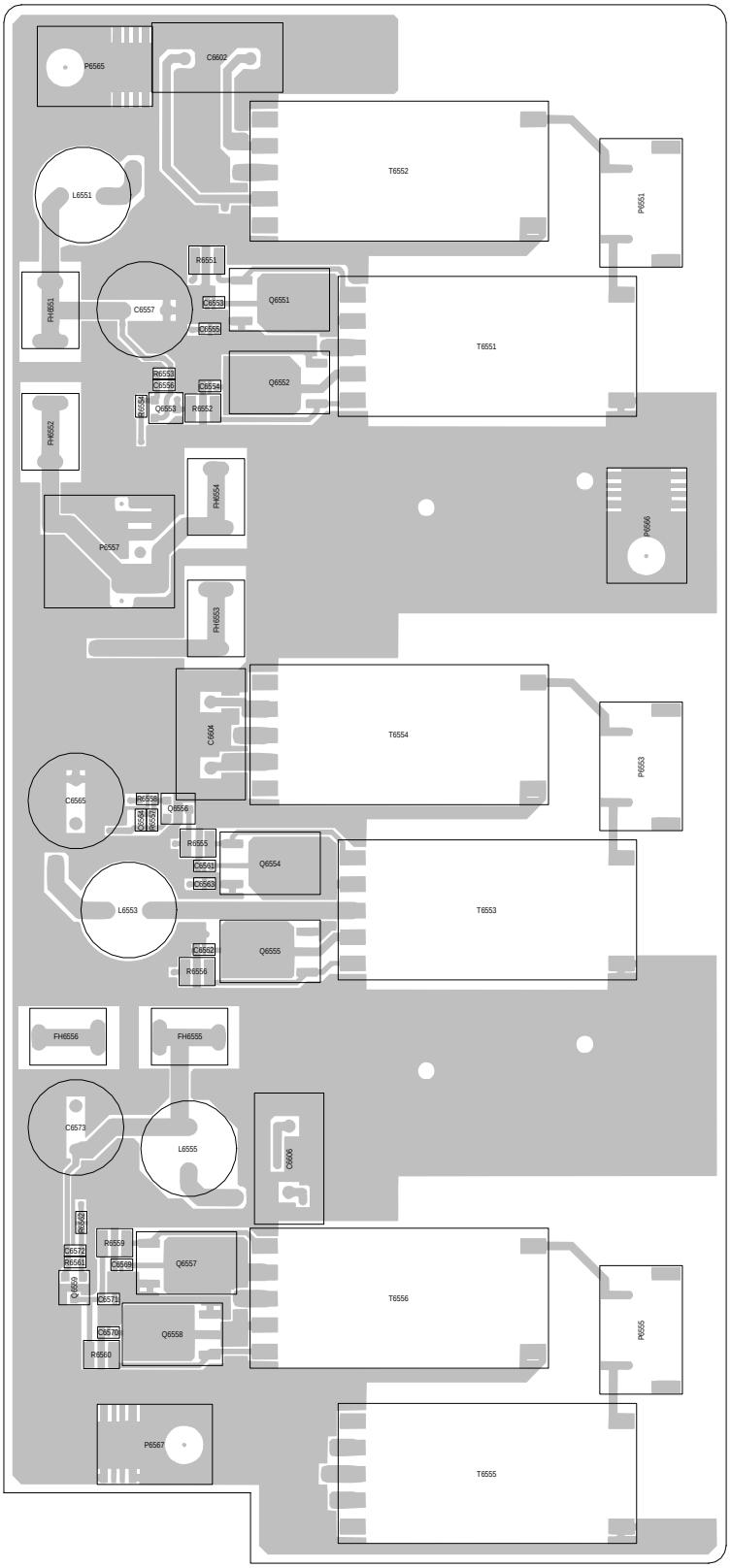
AUDIO Unit (Chip parts Side)

■ Display



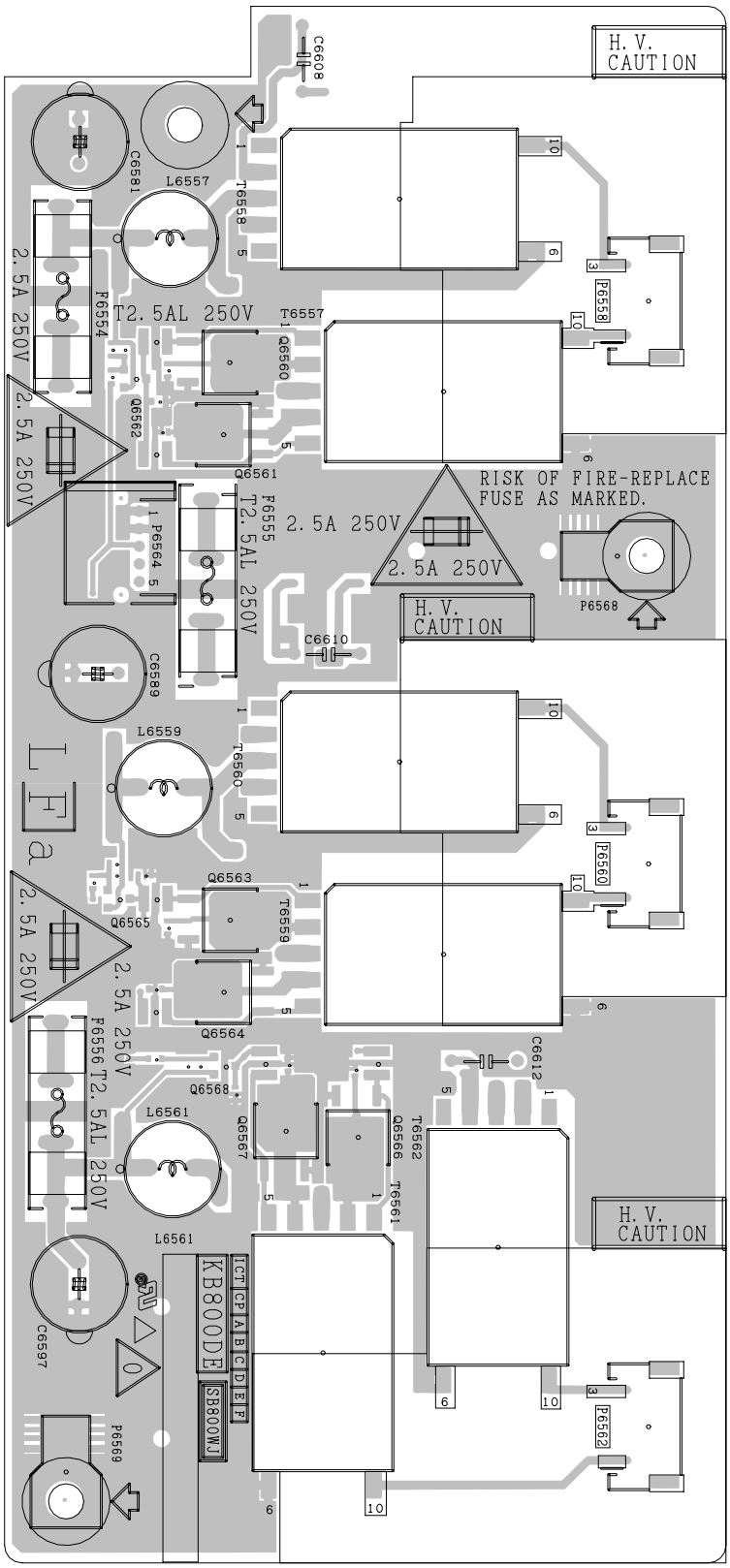
INVERTER-1 Unit (Component Side)

■ Display



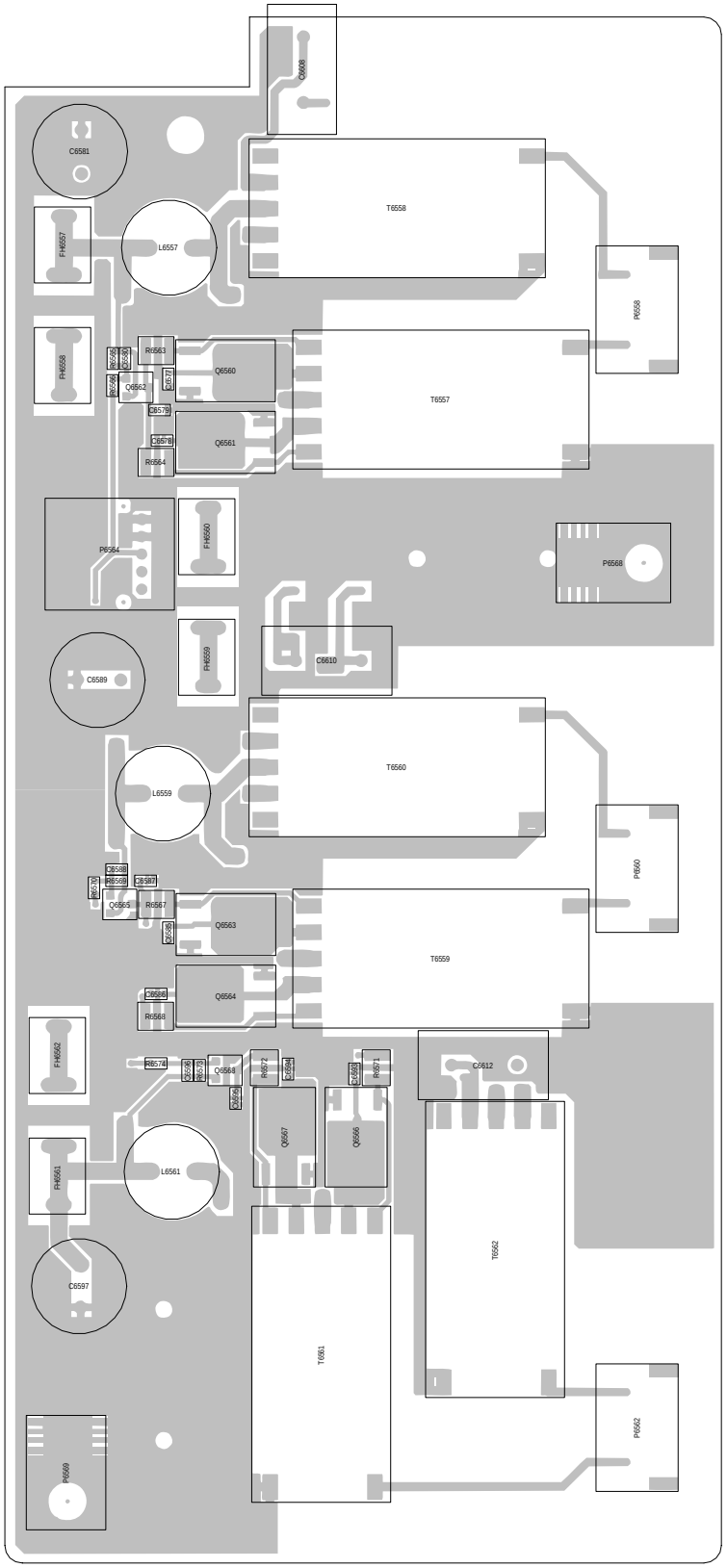
INVERTER-1 Unit (Chip parts Side)

■ Display



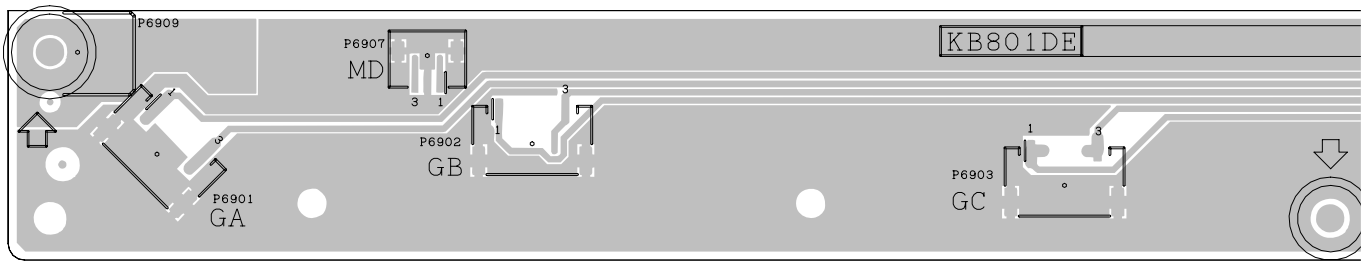
INVERTER-2 Unit (Component Side)

■ Display

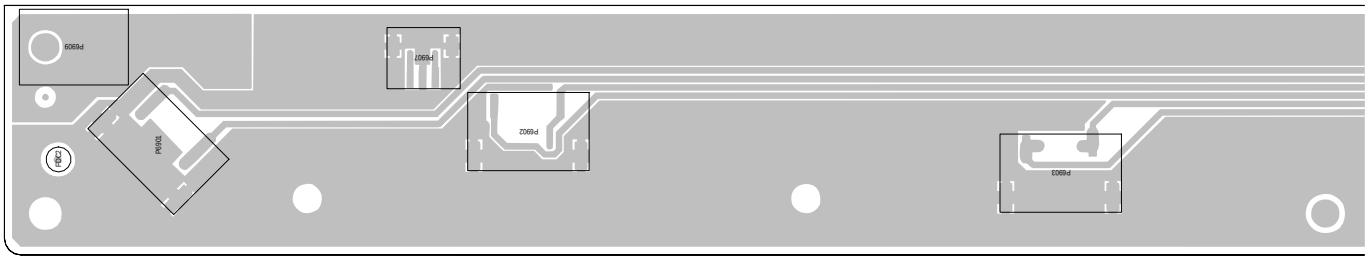


INVERTER-2 Unit (Chip parts Side)

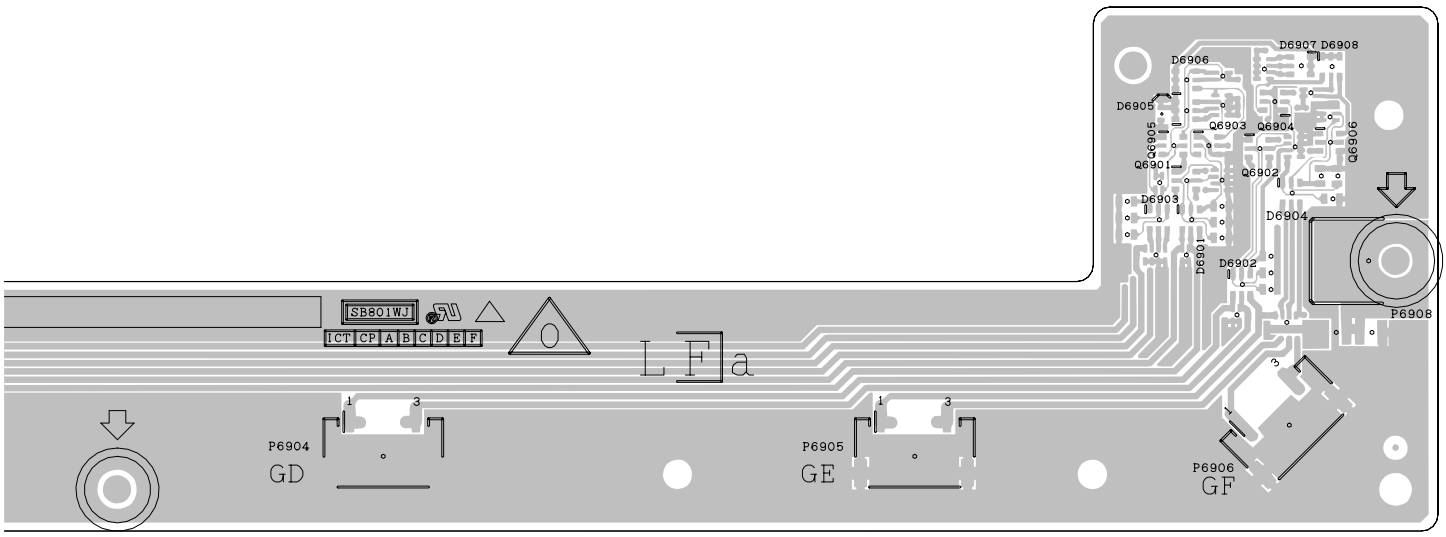
■ Display

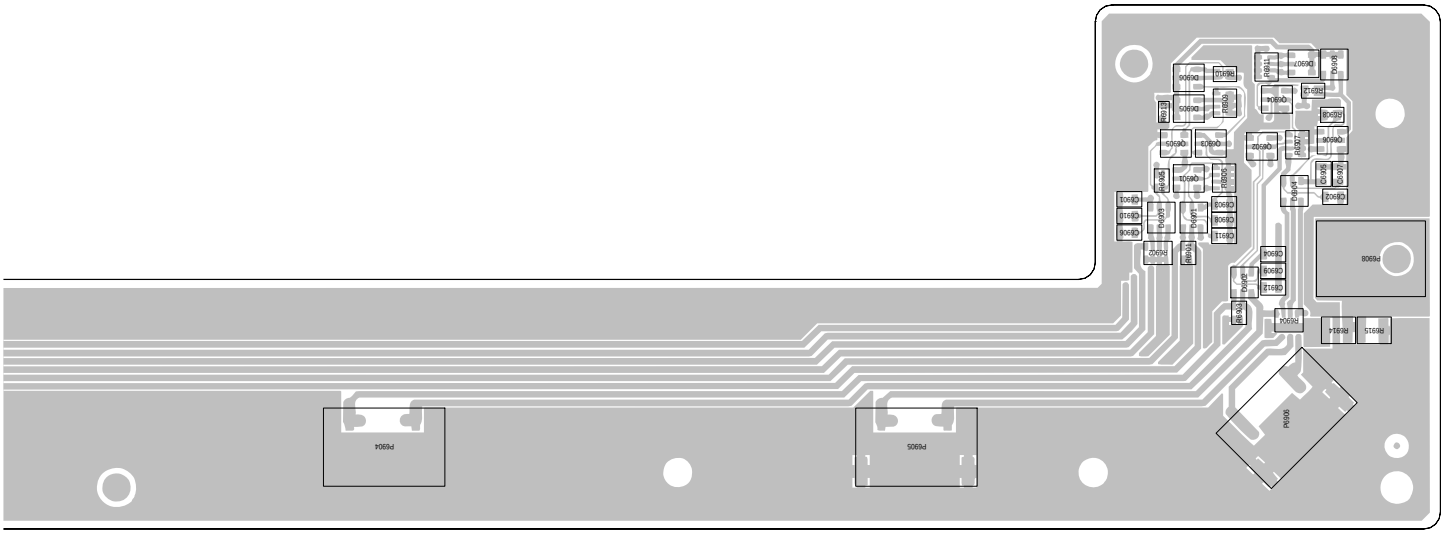


INVERTER-GND Unit (Component Side)



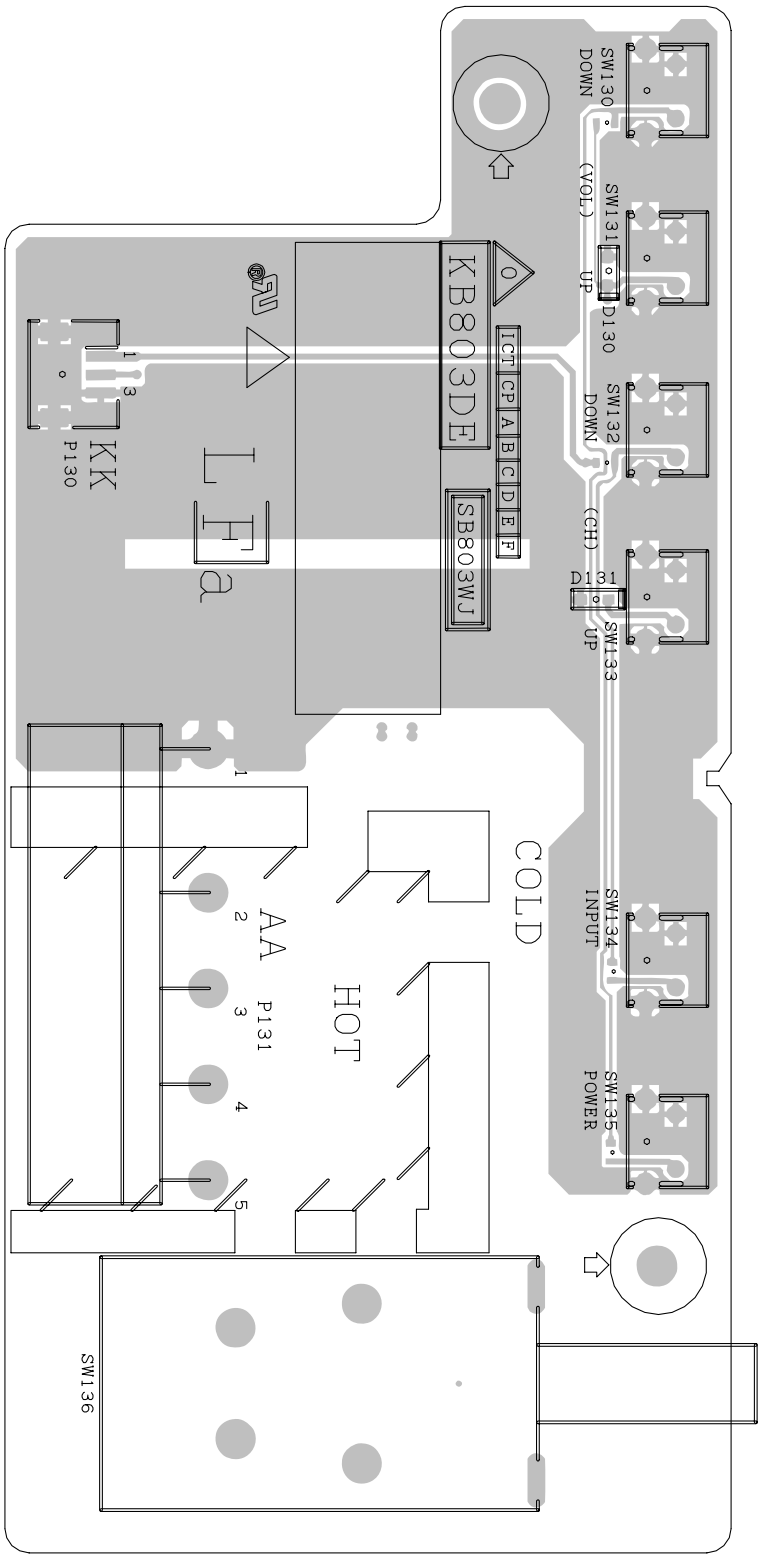
INVERTER-GND Unit (Chip Parts Side)





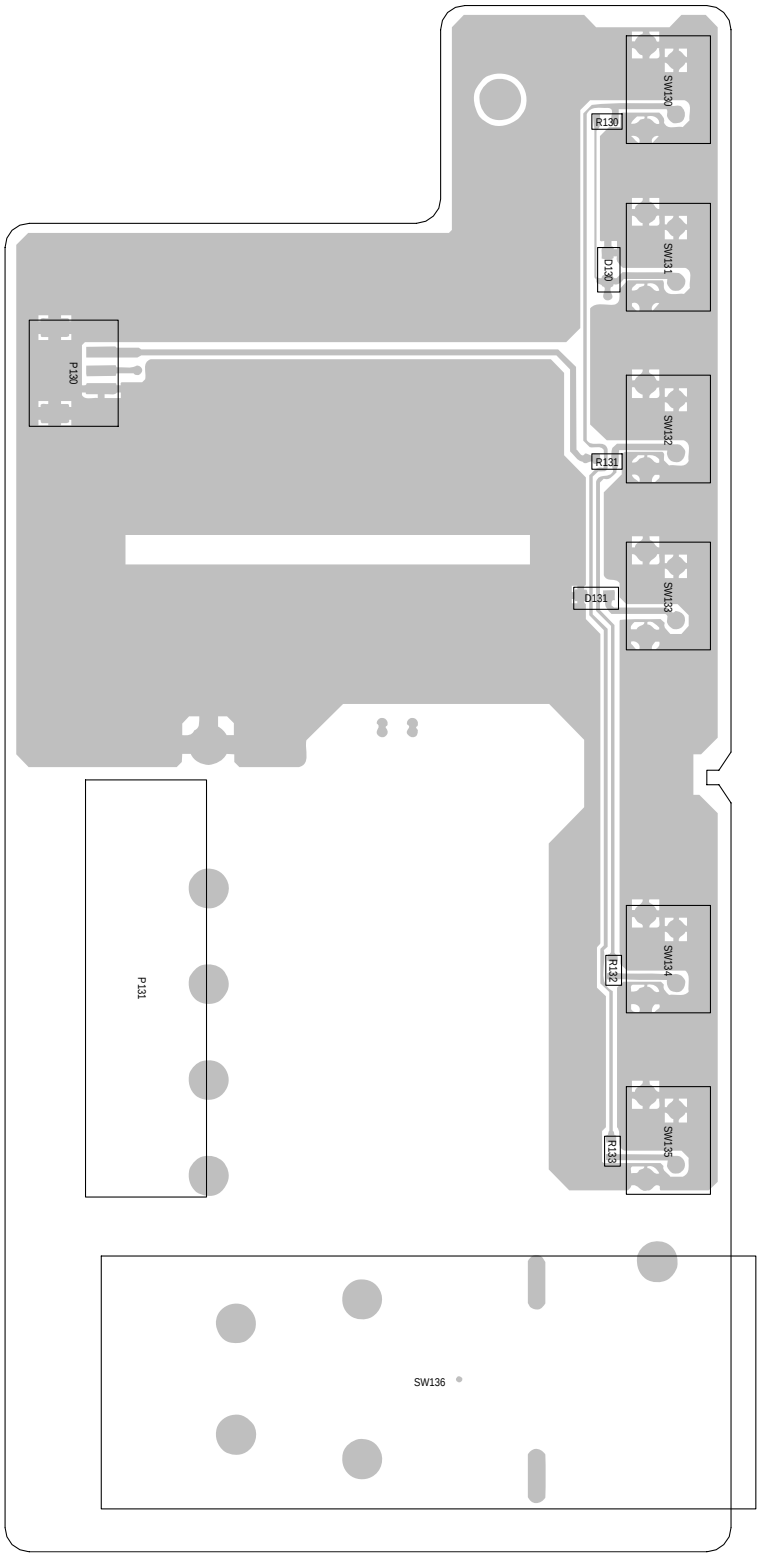
10	11	12	13	14	15	16	17	18	19

■ Display



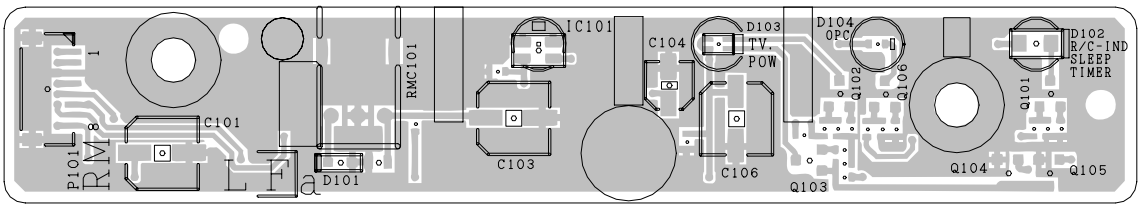
OPERATION Unit (Component Side)

■ Display

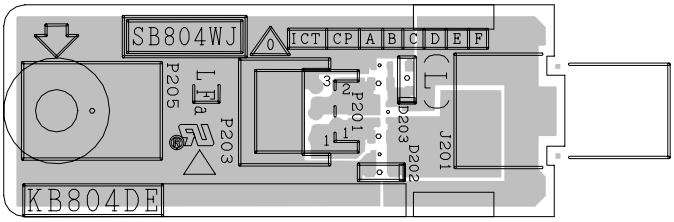


OPERATION Unit (Chip Parts Side)

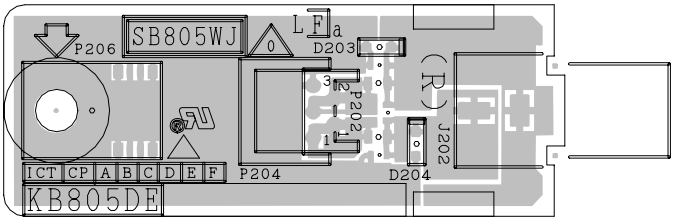
■ Display



R/C, LED Unit (Component Side)

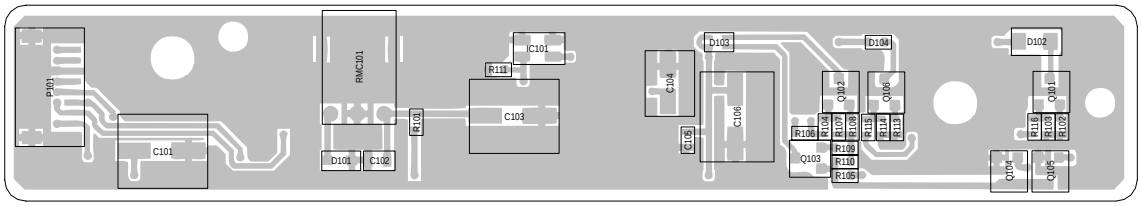


SPEAKER-L Unit (Component Side)

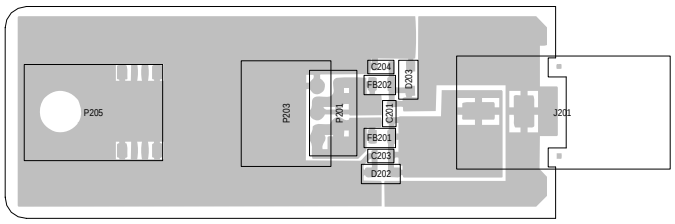


SPEAKER-R Unit (Component Side)

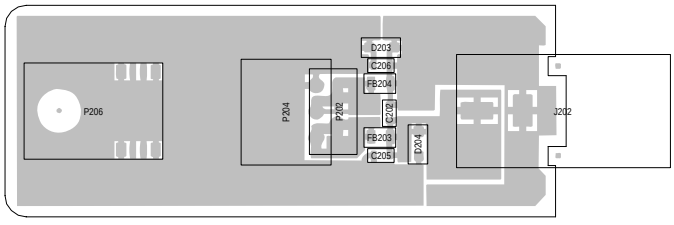
■ Display



R/C, LED Unit (Chip Parts Side)

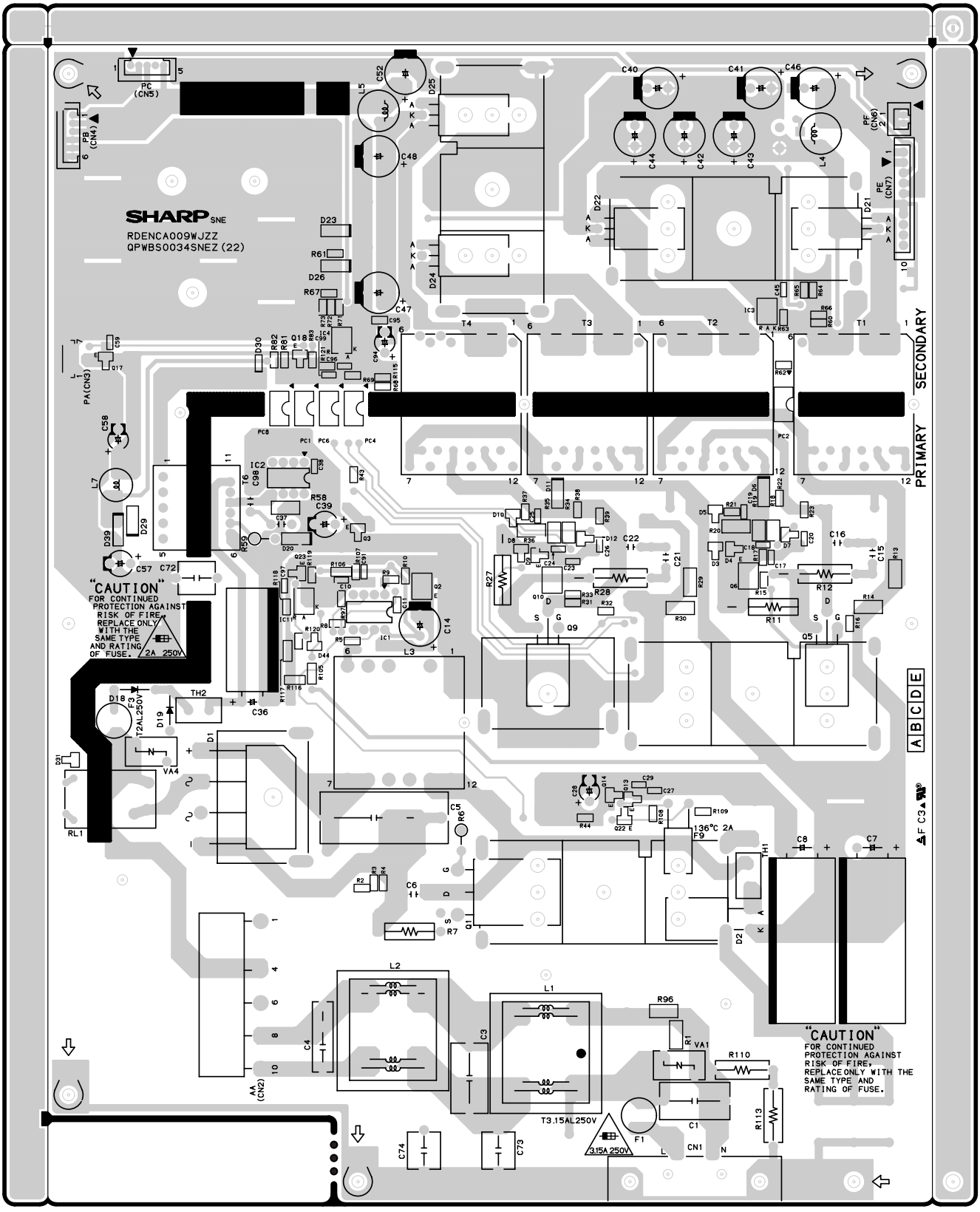


SPEAKER-L Unit (Chip Parts Side)



SPEAKER-R Unit (Chip Parts Side)

■ Display



POWER Unit (Side-A)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

in **USA**: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

LISTE DES PIECES

CHANGE DES PIECES

Les pi`eces de rechange qui pr élelesentent ces caract éleristiques sp éleciales de s élecurit éle, sont identifi élees dans ce manuel : les pi`eces élelectriques qui pr élesentent ces particularit éles, sont rep éler élee par la marque ⚠ et sont hachur élees dans les listes de pi`eces et dans les diagrammes sch élematiques.
La substitution d'une pi`ece de rechange par une autre qui ne pr éLesente pas les m éoemes caract éLeristiques de s élecurit éle que la pi`ece recommand élee parl'usine et dans ce manuel de service, peut provoquer une éLelectrocution, un incendie ou toutautre sinistre.

"COMMENT COMMANDER LES PIECES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

1. NUMERO DU MODELE
2. NO. DE REF
3. NO. DE PIECE
4. DESCRIPTION

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100

★ MARK: SPARE PARTS-DELIVERY SECTION

★MARQUE: SECTION LIVRAISON DES PIECES DE RECHANGE

Ref. No.	Part No.	★	Description	Code

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

LC-30HV4U

DUNTKB401FE07	–	MAIN Unit(AVC System)	—
DUNTKB493FE07	–	POWER Unit(AVC System)	—
DUNTKB593DE30	–	FRONT Unit(AVC System)	—
DUNTKB594DE30	–	SR Unit(AVC System)	—
DUNTKB658FE01	–	AV Unit(AVC System)	—
CPCi-A005WJ55	–	PC I/F Unit(AVC System)	—
DUNTKA658FE13	–	LCD CONTROL Unit (Display)	—
DKEYHB797FE11	–	MAIN Unit(Display)	—
DUNTKB798DE02	–	AUDIO Unit(Display)	—
DUNTKB799DE02	–	INVERTER-1 Unit(Display)	—
DUNTKB800DE02	–	INVERTER-2 Unit(Display)	—
DUNTKB801DE02	–	INVERTER-GND Unit (Display)	—
DUNTKB802DE02	–	OPERATION Unit(Display)	—
DUNTKB803DE02	–	R/C, LED Unit(Display)	—
DUNTKB804DE02	–	SPEAKER-L Unit(Display)	—
DUNTKB805DE02	–	SPEAKER-R Unit(Display)	—
RDENCA009WJN3	–	POWER Unit(Display)	—

LC-30HV4D

DUNTKB401FE07	–	MAIN Unit(AVC System)	—
DUNTKB493FE08	–	POWER Unit(AVC System)	—
DUNTKB593DE31	–	FRONT Unit(AVC System)	—
DUNTKB594DE31	–	SR Unit(AVC System)	—
DUNTKB658FE02	–	AV Unit(AVC System)	—
CPCi-A005WJ57	–	PC I/F Unit(AVC System)	—
DUNTKA658FE12	–	LCD CONTROL Unit (Display)	—
DKEYHB797FE12	–	MAIN Unit(Display)	—
DUNTKB798DE03	–	AUDIO Unit(Display)	—
DUNTKB799DE03	–	INVERTER-1 Unit(Display)	—
DUNTKB800DE03	–	INVERTER-2 Unit(Display)	—
DUNTKB801DE03	–	INVERTER-GND Unit (Display)	—
DUNTKB802DE03	–	OPERATION Unit(Display)	—
DUNTKB803DE03	–	R/C, LED Unit(Display)	—
DUNTKB804DE03	–	SPEAKER-L Unit(Display)	—
DUNTKB805DE03	–	SPEAKER-R Unit(Display)	—
RDENCA009WJN1	–	POWER Unit(Display)	—

LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

RLCDTA020WJZZ	J	30' LCD Panel Unit	FY

DUNTKB401FE07
MAIN Unit (AVC System)

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC402	VHiTC90A69F-1Y	J	TC90A69F	AT
IC404	VHiML6428C1-1Y	J	ML6428	AP
IC604	VHiTA1318AF1EY	J	TA1318AF	AS
IC801	VHiTB1274AF1EQ	J	TB1274AF	AX
IC802	VHiTB1274AF1EQ	J	TB1274AF	AX
IC803	VHiCXA2101Q-1Q	J	CXA2101AQ-TL	BE
IC807	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC808	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC814	VHiBA7655AF-1Y	J	BA7655AF	AG
IC1502	VHiM62393FP-1Y	J	M62393FP	AK
IC1503	VHiM62320FP-1Y	J	M62320FP	AH
IC1504	VHiTC7W53U/-1Y	J	TC7W53FU	AF
IC1506	VHiBR24C08F-1Y	J	BR24C08F-E2	AF
IC1801	VHiPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1802	VHiPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1803	VHiPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1804	VHiPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1805	VHiPST600iM-1Y	J	IC-PST600IMT	AE
IC1901	RH-iXA392WJN2Q	J	XC9572XL-10VQ	
IC1902	VHiM62320FP-1Y	J	M62320FP	AH
IC7001	VHiPD64084+-1Q	J	UPD64084GC-8EA	BC
IC7002	VHiSi3025LA-1Y	J	SI-3025LSA-TL	AF
IC7003	VHiML6428C1-1Y	J	ML6428	AP
IC7004	VHiBA033FP/-1Y	J	BA033FP-E2	AG
IC7005	VHiPST600iM-1Y	J	IC-PST600IMT	AE
IC7200	RH-iX3289CEZZ	J	IX3289CE	AQ

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q403	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q404	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q407	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q408	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q409	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q410	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q416	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q417	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q418	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q616	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q617	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q801	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q802	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q803	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q804	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q805	VSDTC144EE/-1Y	J	DTC144EE	AA
Q809	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q814	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q815	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q818	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q819	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q820	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q821	VS2SC2735//1EY	J	2SC2735	AC
Q822	VS2SC2735//1EY	J	2SC2735	AC
Q823	VS2SC2735//1EY	J	2SC2735	AC
Q824	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q825	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q826	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q827	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q828	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q830	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q837	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q838	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q839	VS2SC2735//1EY	J	2SC2735	AC
Q840	VS2SC2735//1EY	J	2SC2735	AC
Q841	VS2SC2735//1EY	J	2SC2735	AC
Q842	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q843	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q844	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q901	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q902	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q903	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q904	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q905	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q906	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1502	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1503	VS2SB1132Q/-1Y	J	2SC3928AR	AC
Q1504	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1507	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1508	VSiMD2A////-1Y	J	IMD2A////	AC
Q1512	VSiMD2A////-1Y	J	IMD2A////	AC
Q1801	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q1802	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q7001	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q7002	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q7003	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q7004	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q7005	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q7006	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q7007	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q7008	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q7013	VS2SK536///-1Y	J	2SK536///	AE
Q7014	VS2SK536///-1Y	J	2SK536///	AE
Q7051	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q7201	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q7206	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D801	VHDDAN222//-1Y	J	Diode	AA
D1502	VHDDAN222//-1Y	J	Diode	AA
D1503	VHDDAN222//-1Y	J	Diode	AA
D1505	VHD1SS355//-1Y	J	Diode	AB
D1802	VHDHSU119//-1Y	J	Diode	AB
D7001	VHD1SS355//-1Y	J	Diode	AB
D7201	VHD1SS355//-1Y	J	Diode	AB
D7202	VHD1SS355//-1Y	J	Diode	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X601	RFiLA0034CEZZ	J	Filter	AD
X801	RCRSB0244CEZZ+	J	Crystal	AF
X802	RCRSB0244CEZZ+	J	Crystal	AF
X1901	RCRSZ0093CEZZY	J	Crystal	AM
X7001	RCRSC0026CEZZY	J	Crystal	AG

FILTERS AND COILS

Ref. No.	Part No.	★	Description	Code
CF7201	RFiLA0098CEZZ+	J	Ceramic Filter	AD
FL810	RFiLZA005WJZZQ	J	Filter	AT
FL7002	RFiLN0097GEZZY	J	Filter	AF
L406	VPD9M4R7MR53NY	J	Peaking 4.7µH	AB
L407	VPD9M220J2R7NY	J	Peaking 22µH	AC
L408	VPD9M270J3R2NY	J	Peaking 27µH	AB
L410	VPD9M4R7MR53NY	J	Peaking 4.7µH	AB
L603	VPD9M560J7R6NY	J	Peaking 56µH	AA
L604	VPD9M6R8J1R8NY	J	Peaking 6.8µH	AC
L605	VPD9M5R6J1R6NY	J	Peaking 5.6µH	AB
L606	VPD9M8R2J2R0NY	J	Peaking 8.2µH	AC
L805	VPD9M2R2MR32NY	J	Peaking 2.2µH	AB
L808	VPD9M220J2R7NY	J	Peaking 22µH	AC
L809	VPD9M220J2R7NY	J	Peaking 22µH	AC
L810	VPD9M220J2R7NY	J	Peaking 22µH	AC
L7001	VPD9M5R6J1R6NY	J	Peaking 5.6µH	AB
L7002	VPD9M220J2R7NY	J	Peaking 22µH	AC

CAPACITORS

Ref. No.	Part No.	★				Code
C415	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C416	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C425	VCCCCY1HH120JY	J	12p	50V	Ceramic	AA
C426	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C427	VCCCCY1HH120JY	J	12p	50V	Ceramic	AA
C428	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C429	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C430	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C431	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C432	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C433	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C434	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C435	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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MAIN Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description			Code
C436	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C437	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C438	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C439	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C440	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C441	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C442	VCKYCY1HB681KY	J	680p	50V	Ceramic	AA
C443	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C444	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C445	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C447	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C453	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C454	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C455	VCEASH1CN107MY	J	100	16V	Electrolytic	AC
C456	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C457	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C458	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C459	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C460	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C614	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C615	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C616	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C617	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C618	VCEASH1CN337MY	J	330	16V	Electrolytic	AE
C620	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C623	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C646	RC-KZA051WJZZY	J	4.7	6.3V	Ceramic	AC
C649	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C650	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C651	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C652	VCCCCY1HH271JY	J	270p	50V	Ceramic	AA
C653	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C654	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C801	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C802	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C803	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C804	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C805	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C807	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C808	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C809	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C810	RC-KZA051WJZZY	J	4.7	6.3V	Ceramic	AC
C811	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C812	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C813	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C814	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C815	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C816	VCCCCY1HH9R0DY	J	9.0p	50V	Ceramic	AA
C817	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C818	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C819	RC-KZA030WJZZY	J	2.2	50V	Ceramic	AB
C820	VCKYCY1EB223KY	J	0.022	25V	Ceramic	AA
C821	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C822	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C823	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C824	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C825	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C826	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C827	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C828	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C829	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C830	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C831	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C832	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C833	RC-KZA051WJZZY	J	4.7	6.3V	Ceramic	AC
C834	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C835	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C836	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C837	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C838	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C839	VCCCCY1HH9R0DY	J	9.0p	50V	Ceramic	AA
C840	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C841	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C842	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C845	RC-KZA030WJZZY	J	2.2	50V	Ceramic	AB
C846	VCKYCY1EB223KY	J	0.022	25V	Ceramic	AA
C847	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C848	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C849	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C850	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C851	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C852	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C857	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C859	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C861	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C862	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C863	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C864	RC-KZA041WJZZY	J	10	10V	Ceramic	AC
C866	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C868	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C869	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C870	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C871	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C872	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C876	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C877	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C878	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C879	VCEAPF1CN226MY	J	22	16V	Electrolytic	AD
C880	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C881	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C882	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C883	VCEAPF1CN226MY	J	22	16V	Electrolytic	AD
C884	VCEAPF1CN226MY	J	22	16V	Electrolytic	AD
C885	VCEAPF1CN226MY	J	22	16V	Electrolytic	AD
C886	VCCCCY1HH390JY	J	39p	50V	Ceramic	AA
C887	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C888	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C890	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C891	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C892	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C893	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C894	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C895	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C896	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C897	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C898	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C899	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C900	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C902	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C903	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C912	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C913	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C914	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C915	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C917	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C918	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C919	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C923	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C925	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C926	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C935	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C936	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C937	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C938	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C942	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C943	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C944	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C947	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C948	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C950	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C951	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C952	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C953	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C954	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C955	VCCCCY1HH120JY	J	12p	50V	Ceramic	AA

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MAIN Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description			Code
C956	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C957	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C958	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C959	VCCCCY1HH120JY	J	12p	50V	Ceramic	AA
C960	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C961	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C962	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C963	VCCCCY1HH120JY	J	12p	50V	Ceramic	AA
C964	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C965	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C966	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1502	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1503	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1504	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1505	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C1507	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1801	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1802	VCEAPF1EN226MY	J	22	25V	Electrolytic	AD
C1803	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1804	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1805	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1807	VCEAPF1EN226MY	J	22	25V	Electrolytic	AD
C1808	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1810	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1812	VCEAPF1EN226MY	J	22	25V	Electrolytic	AD
C1813	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1815	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1817	VCEAPF1EN226MY	J	22	25V	Electrolytic	AD
C1818	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1819	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1820	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1821	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1822	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1823	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1824	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1825	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1826	VCEASH1CN107MY	J	100	16V	Electrolytic	AC
C1827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1901	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1902	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1904	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1905	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1906	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1909	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1910	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1911	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7001	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C7002	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C7003	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7004	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7005	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7006	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C7007	VCCCCY1HH561JY	J	560p	50V	Ceramic	AB
C7008	VCCCCY1HH821JY	J	820p	50V	Ceramic	AB
C7009	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C7010	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7011	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7012	VCKYTV1CB474KY	J	0.47	16V	Ceramic	AC
C7013	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7014	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7015	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C7016	VCKYTV1EB334KY	J	0.33	25V	Ceramic	AB
C7017	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7018	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7019	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7020	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7021	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C7022	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7023	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C7024	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C7025	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7026	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7028	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7031	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7032	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C7033	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C7034	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7035	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C7036	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C7037	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7038	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C7041	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7042	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C7043	VCCCCY1HH120JY	J	12p	50V	Ceramic	AA
C7044	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C7045	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C7050	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7051	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C7052	VCEASH0JN337MY	J	330	6.3V	Electrolytic	AC
C7053	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C7054	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C7055	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7057	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7058	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7059	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7060	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C7061	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7201	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7203	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C7204	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C7205	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C7206	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C7207	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7208	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7209	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7210	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7221	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD

RESISTORS

R406	VRS-CY1JF152JY	J	1.5k	1/16W	Metal Oxide	AA
R407	VRS-CY1JF152JY	J	1.5k	1/16W	Metal Oxide	AA
R408	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R409	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R411	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R413	VRS-CY1JF122JY	J	1.2k	1/16W	Metal Oxide	AA
R418	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R422	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R423	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R424	VRS-TV1JD561JY	J	560	1/16W	Metal Oxide	AA
R425	VRS-CY1JF122JY	J	1.2k	1/16W	Metal Oxide	AA
R426	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R427	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R429	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R432	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R433	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R438	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R439	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R440	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R443	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R444	VRS-CY1JF361JY	J	360	1/16W	Metal Oxide	AA
R445	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R446	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R447	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R448	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R450	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R451	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R452	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R458	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R459	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R460	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA

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MAIN Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description			Code
R461	VRS-CY1JF911JY	J	910	1/16W	Metal Oxide	AB
R462	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R465	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R466	VRS-CY1JF911JY	J	910	1/16W	Metal Oxide	AB
R467	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R468	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R470	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R471	VRS-CY1JF911JY	J	910	1/16W	Metal Oxide	AB
R472	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R473	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R474	VRS-CY1JF361JY	J	360	1/16W	Metal Oxide	AA
R607	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R608	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R609	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R610	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R611	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R612	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R613	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R614	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R615	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R620	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R671	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R672	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R674	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R677	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R678	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R679	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R680	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R681	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R682	VRS-CY1JF183JY	J	18k	1/16W	Metal Oxide	AA
R683	VRS-CY1JF183JY	J	18k	1/16W	Metal Oxide	AA
R684	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R685	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R800	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R802	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R803	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R805	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R807	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R808	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R809	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R810	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R811	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R812	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R813	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R815	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R816	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R817	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R818	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R819	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R827	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R830	VRS-CY1JF681JY	J	680	1/16W	Metal Oxide	AA
R831	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R832	VRS-CY1JF473FY	J	47k	1/16W	Metal Oxide	AA
R833	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R834	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R835	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R836	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R837	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R840	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R841	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R842	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R843	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R844	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R845	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R846	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R847	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R848	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R850	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R851	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R852	VRS-CY1JF561JY	J	560	1/16W	Metal Oxide	AA
R853	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R854	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R855	VRS-CY1JF335JY	J	3.3M	1/16W	Metal Oxide	AA
R857	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R858	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R859	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R860	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R861	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R862	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R863	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R864	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R865	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R866	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R867	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R868	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R869	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R873	VRS-CY1JF223FY	J	22k	1/16W	Metal Oxide	AA
R874	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R875	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R876	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R886	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R891	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R892	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R894	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R896	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R900	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R901	VRS-CY1JF183JY	J	18k	1/16W	Metal Oxide	AA
R902	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R903	VRS-CY1JF183JY	J	18k	1/16W	Metal Oxide	AA
R904	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R905	VRS-CY1JF183JY	J	18k	1/16W	Metal Oxide	AA
R906	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R907	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R908	VRS-TQ2BD151JY	J	150	1/8W	Metal Oxide	AA
R909	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R910	VRS-CY1JF181JY	J	180	1/16W	Metal Oxide	AA
R911	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R912	VRS-CY1JF432JY	J	4.3k	1/16W	Metal Oxide	AA
R913	VRS-TQ2BD151JY	J	150	1/8W	Metal Oxide	AA
R914	VRS-CY1JF152JY	J	1.5k	1/16W	Metal Oxide	AA
R915	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R923	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R924	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R925	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R926	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R927	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R928	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R929	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R930	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R931	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R932	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R933	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R934	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R935	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R936	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R937	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R938	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R939	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R940	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R941	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R942	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R943	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R944	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R945	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R946	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R947	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R948	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R949	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R950	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R951	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R952	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R953	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R954	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R955	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R956	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R957	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA

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MAIN Unit (AVC System) (Continued)

Ref. No.	Part No.	★			Description	Code
R958	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R959	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R960	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R961	VRS-CY1JF821JY	J	820	1/16W	Metal Oxide	AA
R962	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R980	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R992	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R993	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R994	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R995	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R996	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R997	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R998	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R999	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1501	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1502	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1503	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1504	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1505	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1506	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1507	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1513	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1514	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1515	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1516	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1517	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1518	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1519	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1521	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R1522	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R1524	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R1525	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R1528	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R1529	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1530	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R1531	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1533	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1534	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1535	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1538	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1544	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1545	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1546	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1550	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1551	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R1562	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1563	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R1564	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1565	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R1566	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1567	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1568	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1569	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1570	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1571	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1572	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1580	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1581	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1582	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1583	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1584	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1594	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1596	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1801	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1802	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R1803	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1804	VRS-CY1JF302FY	J	3k	1/16W	Metal Oxide	AA
R1805	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1806	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R1807	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1808	VRS-CY1JF302FY	J	3k	1/16W	Metal Oxide	AA
R1809	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1810	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R1811	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1812	VRS-CY1JF302FY	J	3k	1/16W	Metal Oxide	AA
R1813	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1814	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R1815	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1816	VRS-CY1JF622FY	J	6.2k	1/16W	Metal Oxide	AA
R1817	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1818	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1819	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1820	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R1901	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1902	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1905	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1906	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1907	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1913	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R1914	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1918	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1919	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1920	VRS-CB1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1926	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1927	VRS-CB1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1931	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1932	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1933	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1934	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1935	VRS-CB1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1939	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1940	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1942	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1943	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1944	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R7001	VRS-CY1JF361JY	J	360	1/16W	Metal Oxide	AA
R7002	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R7003	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7004	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R7005	VRS-CY1JF271JY	J	270	1/16W	Metal Oxide	AA
R7006	VRS-CY1JF271JY	J	270	1/16W	Metal Oxide	AA
R7009	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R7010	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R7011	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7012	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R7013	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R7014	VRS-CY1JF224JY	J	220k	1/16W	Metal Oxide	AA
R7015	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R7021	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R7022	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R7028	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7030	VRS-CY1JF182JY	J	1.8k	1/16W	Metal Oxide	AA
R7034	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7035	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7036	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7037	VRS-CY1JF911JY	J	910	1/16W	Metal Oxide	AB
R7038	VRS-CY1JF152JY	J	1.5k	1/16W	Metal Oxide	AA
R7039	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7049	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R7050	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7053	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R7054	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R7055	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R7060	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R7061	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R7062	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R7201	VRS-CY1JF105JY	J	1M	1/16W	Metal Oxide	AA
R7202	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R7205	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7206	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7207	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7208	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7209	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R7210	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7211	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R7215	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code

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MAIN Unit (AVC System) (Continued)

R7216	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide		AA
R7217	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide		AA
R7224	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide		AA
R7225	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide		AA
R7237	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide		AA
R7238	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide		AA
R7239	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide		AA
R7240	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide		AA

MISCELLANEOUS PARTS

FB601	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB602	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB803	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB7002	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB7009	RBLN-0061TAZZY	J	Ferrite Bead	AD
P801	QPLGN0062CEZZY	J	Plug, 12-pin	AE
P1504	QPLGN0060CEZZY	J	Plug, 10-pin	AE
P1505	QPLGN0572FJZZY	J	Plug, 10-pin	AE
P1506	QCNCMA082WJZZY	J	Plug, 15-pin	AF
P1508	QPLGN0056CEZZY	J	Plug, 6-pin	AD
P1801	QPLGN0546FJZZY	J	Plug, 9-pin	AE
P1802	QPLGN0549FJZZY	J	Plug, 11-pin	AE
P1803	QPLGN0548FJZZY	J	Plug, 12-pin	AE
P1901	QPLGN1094CEZZ	J	Plug, 10-pin	AF
SC1501	QSOCN0490FJZZY	J	Socket, 30-pin	AF
SC1502	QSOCN0464FJZZY	J	Socket, 50-pin	AH
SC1504	QSOCN0493FJZZY	J	Socket, 45-pin	AG
LUG800	QLUGHA001WJZZY	J	Lug	AD
LUG801	QLUGHA001WJZZY	J	Lug	AD
LUG802	QLUGHA001WJZZY	J	Lug	AD
LUG803	QLUGHA001WJZZY	J	Lug	AD
TP805	QLUGP0110TAFWY	J	Lug	AB
TP806	QLUGP0110TAFWY	J	Lug	AB
TP810	QLUGP0110TAFWY	J	Lug	AB
TP811	QLUGP0110TAFWY	J	Lug	AB
TP812	QLUGP0110TAFWY	J	Lug	AB
TP813	QLUGP0110TAFWY	J	Lug	AB
TP814	QLUGP0110TAFWY	J	Lug	AB
TP815	QLUGP0110TAFWY	J	Lug	AB
TP816	QLUGP0110TAFWY	J	Lug	AB
TP7003	QLUGP0110TAFWY	J	Lug	AB
TP7004	QLUGP0110TAFWY	J	Lug	AB
TP7005	QLUGP0110TAFWY	J	Lug	AB

Ref. No.	Part No.	★	Description	Code

DUNTKB493FE07 (LC-30HV4U)
DUNTKB493FE08 (LC-30HV4D)
POWER Unit (AVC System)

INTEGRATED CIRCUITS

IC701	VHiMR2920++-1	J	MR2920	AQ
IC721	VHiHA17431U-1Y	J	HA17431UA-TL	AE
IC1701	VHiPQ12DZ1U-1Y	J	PQ12DZ1U	AG
IC1702	VHiPQ050DZ1-1Y	J	PQ050DZ01Z	AE
IC1703	VHiFA3675F/-1	J	FA3675F	AR
IC1704	VHiPQ050DZ1-1Y	J	PQ050DZ01Z	AE
IC1705	VHiPQ050DZ1-1Y	J	PQ050DZ01Z	AE
IC1753	VHiPQ30RV11-1	J	PQ30RV11	AF

TRANSISTORS

Q701	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q702	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q721	VSDTC114EKA-1Y	J	DTC114EKA	AB
Q722	VSDTC114EKA-1Y	J	DTC114EKA	AB
Q1701	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1702	VSDTC124EE/-1Y	J	DTC124EE	AA
Q1703	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q1704	VSDTC114EKA-1Y	J	DTC114EKA	AB
Q1705	VSDTA124EE/-1Y	J	DTA124EE	AB
Q1706	VSDTC124EE/-1Y	J	DTC124EE	AA
Q1707	VSSi4435DY+-1Y	J	SI4435DY+	AF
Q1708	VSSi4435DY+-1Y	J	SI4435DY+	AF
Q1756	VSDTC114EE/-1Y	J	DTC114EE	AB

DIODES

D701	RH-DX0476CEZZ	J	Diode		AG
D703	VHD05NU42//-1Y	J	Diode		AD
D704	VHDD1FL20U/-1Y	J	Diode		AC
D705	VHDD1FL20U/-1Y	J	Diode		AC
D706	VHDHSU119//-1Y	J	Diode		AB
D707	RH-EX1280CEZZY	J	Zener Diode, 16V		AB
D708	RH-EX1241CEZZY	J	Zener Diode, 4.7V		AB
D709	VHDHSU119//-1Y	J	Diode		AB
D721	VHDD1FL20U/-1Y	J	Diode		AC
D722	VHDD1FL20U/-1Y	J	Diode		AC
D723	VHDSF30SC6+-1	J	Diode		AH
D724	VHDSF30SC6+-1	J	Diode		AH
D725	VHDD1FL20U/-1Y	J	Diode		AC
D726	RH-EX1233CEZZY	J	Zener Diode, 3.6V		AB
D727	RH-EX0747CEZZY	J	Zener Diode, 39V		AB
D728	RH-EX0707CEZZY	J	Zener Diode, 6.6V		AB
D730	RH-EX1259CEZZY	J	Zener Diode, 8.2V		AB
D731	RH-EX1259CEZZY	J	Zener Diode, 8.2V		AB
D1701	RH-EX1244CEZZY	J	Zener Diode		AB
D1702	VHDHSU119//-1Y	J	Diode		AB
D1703	VHDHSU119//-1Y	J	Diode		AB
D1704	RH-EX1241CEZZY	J	Zener Diode, 4.7V		AB
D1705	VHDSFPB74//2EY	J	Diode		AD
D1706	VHDHSU119//-1Y	J	Diode		AB
D1707	RH-EX1241CEZZY	J	Zener Diode, 4.7V		AB
D1708	VHDSFPB74//2EY	J	Diode		AD
D1709	VHDHSU119//-1Y	J	Diode		AB
D1755	VHDHSU119//-1Y	J	Diode		AB
D1756	VHDSFPB74//2EY	J	Diode		AD
D1764	VHDHSU119//-1Y	J	Diode		AB
D1766	VHDSFPB74//2EY	J	Diode		AD
D1767	VHDSFPB74//2EY	J	Diode		AD
D1768	VHDSFPB74//2EY	J	Diode		AD
D1769	VHDSFPB74//2EY	J	Diode		AD
⚠ VA701	RH-VXA018WJZZ	J	Varistor (LC-30HV4U)		
⚠ VA701	RH-VX0044CEZZ	J	Varistor (LC-30HV4D)		

PHOTOCOUPLER

⚠ PC702	RH-FXA005WJZZY	J	PC123ZY8	AD
⚠ PC703	RH-FXA005WJZZY	J	PC123ZY8	AD
⚠ PC704	RH-FXA005WJZZY	J	PC123ZY8	AD

COILS

⚠ L701	RCiLFA021WJZZ	J	Coil	AF

DUNTKB493FE07 (LC-30HV4U)
DUNTKB493FE08 (LC-30HV4D)
POWER Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description	Code
⚠ L702	RCiLFA021WJZZ	J	Coil	AF
L721	RCiLPA053WJZZ	J	Coil	AD
L722	RCiLPA053WJZZ	J	Coil	AD
L723	RCiLPA054WJZZ	J	Coil	AD
L1701	RCiLPA112WJZZY	J	Coil	AF
L1703	RCiLPA112WJZZY	J	Coil	AF

TRANSFORMER

⚠ T701	RTRNWA085WJZZ	J	Transformer	AP

CAPACITORS

⚠ C701	RC-FZ037SCEZZ	J	0.22 (LC-30HV4D)	AC275V	Polypro Film	AD
⚠ C702	RC-FZ037SCEZZ	J	0.22	AC275V	Polypro Film	AD
⚠ C703	RC-KZ0105GEZZ	J	2200p	AC250V	Ceramic	AD
⚠ C704	RC-KZ0105GEZZ	J	2200p	AC250V	Ceramic	AD
⚠ C705	RC-FZ037SCEZZ	J	0.22	AC275V	Polypro Film	AD
C706	RC-EZA084WJZZ	J	180	400V	Electrolytic	AM
C707	RC-KZA065WJZZ	J	470p	2kV	Ceramic	AC
C708	VCEASH1EN107MY	J	100	25V	Electrolytic	AC
C709	VCEAPF1HN475MY	J	4.7	50V	Electrolytic	AC
C710	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C711	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
⚠ C712	RC-KZ0103GEZZ	J	1000p (LC-30HV4U)	AC250V	Ceramic	AD
⚠ C712	RC-KZ0105GEZZ	J	1000p (LC-30HV4D)	AC250V	Ceramic	AD
⚠ C713	RC-KZ0103GEZZ	J	1000p (LC-30HV4U)	AC250V	Ceramic	AD
⚠ C713	RC-KZ0105GEZZ	J	1000p (LC-30HV4D)	AC250V	Ceramic	AD
⚠ C714	RC-KZ0105GEZZ	J	1000p	AC250V	Ceramic	AD
C715	VCKYTV1EB104KY	J	0.1 (LC-30HV4U)	25V	Ceramic	AB
C721	VCEAPX1JN686MY	J	68	63V	Electrolytic	AD
C722	VCEASK1VN337MY	J	330	35V	Electrolytic	AE
C723	VCEASH1VN227MY	J	220	35V	Electrolytic	AD
C724	RC-EZA088WJZZ	J	820	25V	Electrolytic	AE
C725	RC-EZA088WJZZ	J	820	25V	Electrolytic	AE
C726	RC-EZ1360CEZZ	J	680	25V	Electrolytic	AD
C727	VCKYPA2HB472K+	J	4700p	500V	Ceramic	AB
C728	RC-EZ1076CEZZ	J	3300	10V	Electrolytic	AE
C729	RC-EZ1076CEZZ	J	3300	10V	Electrolytic	AE
C730	RC-EZ1075CEZZ	J	3300	10V	Electrolytic	AF
C731	VCEASH1CN337MY	J	330	16V	Electrolytic	AE
C732	VCKYTV1EB104KY	J	0.1	25V	Ceramic	AB
C733	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1703	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1704	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1705	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C1706	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1707	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C1708	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C1709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1711	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1712	VCKYCY1AB474KY	J	0.47	10V	Ceramic	AC
C1713	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1714	VCKYTV1CB224KY	J	0.22	16V	Ceramic	AB
C1715	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1716	VCKYCY1EB103KY	J	0.01	25V	Ceramic	AA
C1717	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1718	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1719	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C1720	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C1723	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1724	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1725	VCAAPD1CJ396MY	J	39	16V	Electrolytic	AF
C1726	VCAAPD0JJ127MY	J	120	6.3V	Electrolytic	AF
C1727	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1729	VCAAPD1CJ396MY	J	39	16V	Electrolytic	AF
C1730	VCAAPD0JJ127MY	J	120	6.3V	Electrolytic	AF
C1731	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1733	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1735	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1736	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1738	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1739	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1740	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1741	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1742	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1763	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1765	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD

RESISTORS

⚠ R701	RR-HZ0122CEZZ	J	470k (LC-30HV4U)	1/2W	Solid	AA
R702	VRW-KQ3NC1R5K	J	1.5	7W	Cement	AE
R705	VRN-VV3DBR22J	J	0.22	2W	Metal Film	AB
R706	VRS-TQ2BD393FY	J	39k	1/8W	Metal Oxide	AA
R707	VRS-TQ2BD272JY	J	2.7k	1/8W	Metal Oxide	AB
R708	VRS-TQ2BD103JY	J	10k	1/8W	Metal Oxide	AA
R709	VRS-TQ2BD243FY	J	24k	1/8W	Metal Oxide	AA
R710	VRS-TQ2BD104JY	J	100k	1/8W	Metal Oxide	AA
R711	RR-HZ0048CEZZ	J	3.9M (LC-30HV4U)	1/2W	Solid	AB
R712	VRS-TQ2BD103JY	J	10k	1/8W	Metal Oxide	AA
R713	VRS-TQ2BD103JY	J	10k	1/8W	Metal Oxide	AA
R714	VRS-TX2HF101JY	J	100	1/2W	Metal Oxide	AA
⚠ R721	RR-XZA002WJZZY (RF732ETTD100J)	J	10	1/4W	Fuse Resistor	AD
R722	VRS-TW2ED102JY	J	1k	1/4W	Metal Oxide	AA
R723	VRS-TQ2BD223JY	J	22k	1/8W	Metal Oxide	AA
R724	VRS-TQ2BD223JY	J	22k	1/8W	Metal Oxide	AA
⚠ R725	RR-XZA001WJZZY (RF732ETTD1R03)	J	1	1/4W	Fuse Resistor	AD
R726	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R727	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R728	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R729	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R730	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R731	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R732	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R733	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R734	VRS-CY1JF561FY	J	560	1/16W	Metal Oxide	AA
R735	VRS-CY1JF302FY	J	3k	1/16W	Metal Oxide	AA
R736	VRS-CY1JF242FY	J	2.4k	1/16W	Metal Oxide	AA
R737	VRS-TW2ED101JY	J	100	1/4W	Metal Oxide	AA
R738	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R739	VRS-TW2ED391JY	J	390	1/4W	Metal Oxide	AA
R1701	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1702	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1703	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R1704	VRS-TW2ED101JY	J	100	1/4W	Metal Oxide	AA
R1705	VRS-CY1JF393JY	J	39k	1/16W	Metal Oxide	AA
R1706	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1707	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R1708	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1709	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R1710	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1711	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R1716	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1717	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1718	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1719	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1720	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1722	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R1724	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1725	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1726	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1727	VRS-TW2ED120JY	J	12	1/4W	Metal Oxide	AA
R1728	VRS-CY1JF272FY	J	2.7k	1/16W	Metal Oxide	AA
R1729	VRS-CY1JF331FY	J	330	1/16W	Metal Oxide	AA
R1730	VRS-CY1JF182FY	J	1.8k	1/16W	Metal Oxide	AA
R1731	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R1732	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1733	VRS-TW2ED120JY	J	12	1/4W	Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code

DUNTKB493FE07 (LC-30HV4U)
DUNTKB493FE08 (LC-30HV4D)
POWER Unit (AVC System) (Continued)

R1734	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R1735	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R1736	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R1737	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R1738	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1739	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1741	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1742	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1764	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1786	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R1787	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R1789	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

SWITCH

⚠	SW701	QSW-P0591CEZZ	J	MAIN POWER	AQ

MISCELLANEOUS PARTS

⚠	F701	QFS-D0008CEZZ	J	Fuse, 2A/250V	AE
	FH701	QFSHD1002CEZZ	J	Fuse Holder	AA
	FH702	QFSHD1002CEZZ	J	Fuse Holder	AA
	FB701	RBLN-0037CEZZY	J	Ferrite Bead	AB
	FB1701	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1702	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1703	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1704	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1705	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1706	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1707	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1708	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1709	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1710	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1711	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1712	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1713	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1714	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1715	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1716	RBLN-0210TAZZY	J	Ferrite Bead	AB
	FB1717	RBLN-0210TAZZY	J	Ferrite Bead	AB
	J1751	QJAKCA005WJZZ	J	DC OUTPUT Terminal	AE
	P704	QTiPM0083CEZZ	J	Tip(LC-30HV4U)	AB
	P1701	QPLGN0550FJZZY	J	Plug, 13-pin	AF
	P1702	QPLGN1278GEZZ	J	Plug, 12-pin	AC
	P1703	QPLGN1178GEZZ	J	Plug, 11-pin	AC
⚠	SC701	QSOCAA003WJZZ	J	AC INPUT Terminal (LC-30HV4U)	AD
⚠	SC701	QSOCA0021TAZZ	J	AC INPUT Terminal (LC-30HV4D)	
	LUG701	QLUGHA001WJZZY	J	Lug	AD
	LUG702	QLUGHA001WJZZY	J	Lug	AD
	LUG703	QLUGHA001WJZZY	J	Lug	AD
	LUG704	QLUGHA002WJZZ	J	Lug	AB
	LUG705	QLUGHA002WJZZ	J	Lug	AB
	PRD5701	PRDAR3203CEFW	J	Heat Sink, for IC1753	AD
	RDA701	PRDARA047WJFW	J	Heat Sink, for IC701	AF
	RDA721	PRDAR3203CEFW	J	Heat Sink, for D723	AD
	RDA722	PRDARA047WJFW	J	Heat Sink, for D724	AF
		QCNW-A825WJZZ	J	Connecting Cord (MAIN-POW)	AK
		QCNW-A826WJZZ	J	Connecting Cord (MAIN-POW)	AG
		QCNW-A846WJZZ	J	Connecting Cord (POW-PC I/F)	AH
		XBPSD30P10JS0	J	Screw, x2	AA

Ref. No.	Part No.	★	Description	Code

DUNTKB593DE30 (LC-30HV4U)
DUNTKB593DE31 (LC-30HV4D)
FRONT Unit (AVC System)

INTEGRATED CIRCUITS

IC2401	VHi24LC21++5ES	J	24LC21	
IC2402	VHiVHCT14AF-1Y	J	TC74VHCT14AF	AD

TRANSISTORS

Q2401	VS2SC2735//1EY	J	2SC2735	AC
Q2402	VS2SC2735//1EY	J	2SC2735	AC
Q2403	VS2SC2735//1EY	J	2SC2735	AC
Q2404	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2405	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2406	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2407	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2408	VSDTC144EE/-1Y	J	DTC144EE	AA

DIODES

D2401	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB
D2402	VHDMA3120WA-1Y	J	Diode	AD
D2403	VHDMA3120WA-1Y	J	Diode	AD
D2404	VHDMA3120WA-1Y	J	Diode	AD
D2405	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB
D2406	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB
D2407	RH-EX1271CEZZY	J	Zener Diode	AB
D2408	RH-EX1271CEZZY	J	Zener Diode	AB
D2409	VHDDAN202K/-1Y	J	Diode	AB
D2410	RH-PX0421CEZZY	J	STANDBY/ON Indicator	AD

FILTERS AND COILS

FL2401	RFiLN0003TAZZY	J	Filter	AD
FL2402	RFiLN0003TAZZY	J	Filter	AD
FL2403	RFiLN0003TAZZY	J	Filter	AD
FL2412	RFiLN0017TAZZY	J	Filter	AC
FL2413	RFiLN0017TAZZY	J	Filter	AC
FL2414	RFiLN0017TAZZY	J	Filter	AC
L2401	VPD9M100J1R7NY	J	Peaking 10µH	AC

CAPACITORS

C2401	VCEAPF0JW107MY	J	100	6.3V	Electrolytic	AC
C2402	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2403	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2404	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C2405	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2406	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C2407	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2408	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C2409	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2410	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C2411	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2412	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2414	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C2415	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C2416	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2417	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C2418	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C2420	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2421	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2422	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2423	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2428	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2429	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2430	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2431	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2432	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2433	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2434	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2435	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2436	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C2437	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C2438	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C2439	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2440	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2441	VCKYTV1CB105KY	J	1	16V	Ceramic	AC

DUNTKB593DE30 (LC-30HV4U)
DUNTKB593DE31 (LC-30HV4D)
FRONT Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description			Code
C2442	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2443	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2444	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2445	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB

RESISTORS

R2401	VRS-TQ2BD561JY	J	560	1/8W	Metal Oxide	AA
R2402	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2403	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R2404	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2405	VRS-TQ2BD561JY	J	560	1/8W	Metal Oxide	AA
R2406	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2407	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R2408	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2409	VRS-TQ2BD561JY	J	560	1/8W	Metal Oxide	AA
R2410	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2411	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R2412	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2413	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2414	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2415	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R2416	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2417	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2418	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2422	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R2423	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R2424	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R2425	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2427	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2428	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2429	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2430	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R2431	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R2432	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R2433	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2434	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R2435	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2436	VRS-CY1JF274JY	J	270k	1/16W	Metal Oxide	AA
R2437	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R2439	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R2440	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R2441	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R2442	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R2443	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R2444	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2445	VRS-TW2ED4R7JY	J	4.7	1/4W	Metal Oxide	AB
R2446	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2447	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2448	VRS-TW2ED4R7JY	J	4.7	1/4W	Metal Oxide	AB
R2449	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2450	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2451	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2453	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R2454	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R2457	VRS-TX2HF220JY	J	22	1/2W	Metal Oxide	AB
R2458	VRS-TX2HF220JY	J	22	1/2W	Metal Oxide	AB
R2459	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R2460	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R2461	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R2462	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2464	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R2465	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R2466	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2467	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2468	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2469	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2470	VRS-CY1JF471JY	J	470	1/16W	Metal Oxide	AA
R2471	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2472	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R2473	VRS-CY1JF182JY	J	1.8k	1/16W	Metal Oxide	AA
R2474	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2475	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2476	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2477	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2478	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA

SWITCH

SW2401	QSW-K0069CEZZ	J	Switch, Clear	AB

MISCELLANEOUS PARTS

FB2401	RBLN-0076TAZZY	J	Ferrite Bead	AC
FB2402	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB2403	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB2404	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB2405	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB2406	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB2408	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB2410	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB2411	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB2412	RBLN-0062TAZZY	J	Ferrite Bead	AB
J2401	QSOCD0439CEZZ	J	Input 4 Terminal(S-VIDEO)	AF
J2402	QJAKJ0080CEZZ	J	Headphone	AF
J2403	QJAKJ0080CEZZ	J	PC Input Terminal(Audio)	AF
J2404	QJAKGA021WJZZ	J	Input 4 Terminal(A/V)	AF
P2401	QPLGN1280GEZZ	J	Plug, 12-pin	AC
P2402	QPLGN0437FJZZ	J	Plug, 26-pin	AD
SC2401	QSOCN0344FJZZ	J	PC Input Terminal (Analog RGB)	AM
LUG2401	QLUGHA001WJZZY	J	Lug	AD
LUG2402	QLUGHA001WJZZY	J	Lug	AD
	QCNW-A833WJZZ	J	Connecting Cord(AV-Front)	AE
	QCNW-A838WJZZ	J	Connecting Cord (Front-PC I/F)	AK

Ref. No.	Part No.	★	Description	Code

DUNTKB594DE30 (LC-30HV4U)
DUNTKB594DE31 (LC-30HV4D)
SR Unit (AVC System)

DIODES

D6000	VHDMA157A//-1Y	J	Diode	AC
D6001	VHDMA157A//-1Y	J	Diode	AC
D6002	RH-EX1264CEZZY	J	Zener Diode	AB
D6003	RH-EX1264CEZZY	J	Zener Diode	AB
D6004	RH-EX1264CEZZY	J	Zener Diode	AB
D6006	VHDMA157A//-1Y	J	Diode	AC
D6007	VHDMA157A//-1Y	J	Diode	AC
D6013	VHDMA157A//-1Y	J	Diode	AC
D6014	VHDMA157A//-1Y	J	Diode	AC

CAPACITORS

C6002	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6003	VCKYCY1AF105ZY	J	1	10V	Ceramic	AC
C6004	VCKYCY1AF105ZY	J	1	10V	Ceramic	AC

RESISTORS

R6000	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R6001	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R6002	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R6003	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R6004	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R6005	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R6007	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R6008	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R6009	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R6010	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R6013	VRS-TQ2BD000JY	J	0	1/8W	Metal Oxide	AA
R6014	VRS-TQ2BD000JY	J	0	1/8W	Metal Oxide	AA
R6020	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R6040	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

FB6000	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB6001	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB6002	RBLN-0060TAZZY	J	Ferrite Bead	AB
P6000	QPLGN1474TAZZY	J	Plug, 14-pin	AE
P6001	QPLGNA058WJZZ	J	Plug, 4-pin	AC
SC6000	QSOCZ2015CEZZ	J	Display Output 2 Terminal	AG
LUG6001	QLUGHA002WJZZ	J	Lug	AB
LUG6002	QLUGHA002WJZZ	J	Lug	AB
	QCNW-A828WJZZ	J	Connecting Cord(AV-SR)	AK
	QCNW-A844WJZZ	J	Connecting Cord (PC I/F-SR)	AM

Ref. No.	Part No.	★	Description	Code

DUNTKB658FE01 (LC-30HV4U)
DUNTKB658FE02 (LC-30HV4D)
AV Unit (AVC System)

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

⚠	TU1101	VTUVT2U5UW253	J	Tuner	BC
⚠	TU1102	VTUVT2U5UF253	J	Tuner	BC

INTEGRATED CIRCUITS

IC1101	VHiPQ05RD08-1	J	PQ05RD08	AF
IC1102	VHiM62320FP-1Y	J	M62320FP	AH
IC1103	VHiPQ05RD08-1	J	PQ05RD08	AF
IC1104	VHiBA7655AF-1Y	J	BA7655AF	AG
IC1105	VHiM62332FP-1Y	J	M62332FP	AL
IC1301	VHiCXA2069Q-1	J	CXA2069Q	AR
IC1401	VHiMM1519XQ-1Q	J	MM1519XQ	AW
IC1601	VHiZ86230S+-1Y	J	Z8623012SSC	AV
IC1602	VHiZ86129S+-1Y	J	Z8612912SSC	BB
IC1603	VHiZ86230S+-1Y	J	Z8623012SSC	AV
IC1650	VHiSii907++-1Q	J	SII907BCQG52	BE
IC1651	VHi24LC2BiN1EY	J	I.C.	
IC2501	VHiMSP4448G-1Q	J	MSP4448G	BB
IC2502	VHiBH3543F+-1Y	J	BH3543F-E2	AE
IC2503	VHiPST529DM-1Y	J	PST529DMT	AE
IC2504	VHiNJ2233BM-1Y	J	NJM2233BM	AE
IC2505	VHiNJ2233BM-1Y	J	NJM2233BM	AE
IC2506	VHiNJM4560M-1Y	J	NJM4560M	AG
IC2507	VHiNJM4560M-1Y	J	NJM4560M	AG
IC2510	RH-iXA385WJZZQ	J	KZ4E101811WFP	AX
IC2513	VHiPST9128N-1Y	J	IC-PST9128NR	AE
IC2514	VHiTC7SZ08U-1Y	J	TC7SZ08FU	AE
IC5701	VHiBA09SFP+-1Y	J	BA09SFP	AA
IC5702	VHiBA08SFP+-1Y	J	BA08SFP-E2	AG
IC5703	VHiPQ05RD08-1	J	PQ05RD08	AF
IC5704	VHiPQ05RD11-1	J	PQ05RD11	AG
IC5705	VHiM62320FP-1Y	J	M62320FP	AH
IC5706	VHiBA033FP/-1Y	J	BA033FP-E2	AG

TRANSISTORS

Q1101	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1102	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1103	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1104	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1105	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1106	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1107	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1108	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1109	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1110	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1111	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1112	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1113	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1114	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1115	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1127	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1401	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1402	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1403	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1405	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1406	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1407	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1409	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1410	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1601	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1602	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1603	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1650	VS2SK536///-1Y	J	2SK536///	AE
Q1651	VS2SK536///-1Y	J	2SK536///	AE
Q2501	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2502	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2503	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2504	VSDTC314TK/-1Y	J	DTC314TK	AC
Q2505	VSDTC314TK/-1Y	J	DTC314TK	AC

Ref. No.	Part No.	★	Description	Code

DUNTKB658FE01 (LC-30HV4U)
DUNTKB658FE02 (LC-30HV4D)
AV Unit (AVC System) (Continued)

Q2506	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2507	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2508	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2509	VSDTA144EE/-1Y	J	DTA144EE	AA
Q2510	VSDTA144EE/-1Y	J	DTA144EE	AA
Q2511	VSDTC144EE/-1Y	J	DTC114EE	AA
Q5704	VSDTC114EE/-1Y	J	DTC114EE	AB
Q5705	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q5706	VS2SA1298Y/-1Y	J	2SA1298Y	AB
Q5707	VSDTC144TE/-1Y	J	DTC114EE	AB

DIODES

D1101	RH-EX1250CEZZY	J	Zener Diode	AB
D1103	VHDHSU119//-1Y	J	Diode	AB
D1104	VHDHSU119//-1Y	J	Diode	AB
D1105	RH-EX0207CEZZY	J	Zener Diode	AB
D1106	RH-EX1250CEZZY	J	Zener Diode	AB
D1110	RH-EX0207CEZZY	J	Zener Diode	AB
D1301	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1302	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1303	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1304	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1305	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1306	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1307	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1308	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1309	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1310	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1311	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1312	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1313	RH-EX1264CEZZY	J	Zener Diode, 9V	AB
D1401	VHDDAN217U+-1Y	J	Diode	AB
D1402	VHDDAN217U+-1Y	J	Diode	AB
D1403	VHDDAN217U+-1Y	J	Diode	AB
D1411	VHDDAN217U+-1Y	J	Diode	AB
D1412	VHDDAN217U+-1Y	J	Diode	AB
D1413	VHDDAN217U+-1Y	J	Diode	AB
D1650	VHDDAN202K/-1Y	J	Diode	AB
D1651	RH-EX1250CEZZY	J	Zener Diode	AB
D1652	RH-EX1250CEZZY	J	Zener Diode	AB
D1653	VHDHSU119//-1Y	J	Diode	AB
D2501	VHDDAN222//-1Y	J	Diode	AA
D2502	VHDDAN222//-1Y	J	Diode	AA
D2503	VHD1SS355//-1Y	J	Diode	AB
D2504	VHD1SS355//-1Y	J	Diode	AB
D2506	VHD1SS355//-1Y	J	Diode	AB
D2507	VHD1SS355//-1Y	J	Diode	AB
D5701	VHDSFPB74//2EY	J	Diode	AD
D5704	VHDSFPB74//2EY	J	Diode	AD
D5705	VHDHSU119//-1Y	J	Diode	AB
D5706	VHDHSU119//-1Y	J	Diode	AB
D5707	VHDHSU119//-1Y	J	Diode	AB

PACKAGED CIRCUITS

X1601	RCRSCA005WJZZY	J	Crystal, 32.768k Hz	AF
X1602	RCRSCA005WJZZY	J	Crystal, 32.768k Hz	AF
X2501	RCRSB0250GEZZ+	J	Crystal, 18.432MHZ	AG

COILS

L1101	VPD9M4R7MR53NY	J	Peaking 4.7µH	AB
L1102	VPD9M4R7MR53NY	J	Peaking 4.7µH	AB
L1104	VPD9M1R0MR20NY	J	Peaking 1µH	AB
L1105	VPD9M1R0MR20NY	J	Peaking 1µH	AB
L1106	VPD9M1R0MR20NY	J	Peaking 1µH	AB
L1107	VPD9M1R0MR20NY	J	Peaking 1µH	AB
L1401	VPD9M100J1R7NY	J	Peaking 10µH	AC
L2503	VPD9M101J100NY	J	Peaking 100µH	AB
L2504	VPD9M4R7MR53NY	J	Peaking 4.7µH	AB

CAPACITORS

C1101	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1102	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C1103	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1105	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C1106	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C1108	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1109	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1110	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1111	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1112	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1113	VCEAPF1CW476MY	J	47	16V	Electrolytic	AC
C1114	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1115	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1116	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1119	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1120	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1121	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1122	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1123	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1124	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1125	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1126	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1127	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1128	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1129	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1130	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1131	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1132	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1133	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1134	VCEASH1CN477MY	J	470	16V	Electrolytic	AD
C1135	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1136	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1137	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1138	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1139	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1140	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1141	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1142	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1143	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1144	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1145	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1146	VCEASH1CN477MY	J	470	16V	Electrolytic	AD
C1147	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1148	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1149	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1150	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1151	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1152	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1153	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1154	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1155	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1156	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1157	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1158	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1159	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1160	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1161	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C1162	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1164	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C1165	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C1166	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1167	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1168	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1169	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1170	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1171	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1177	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1179	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1180	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C1181	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1182	VCEAPF1HW106MY	J	10	50V	Electrolytic	AC
C1183	VCEAPF1HW106MY	J	10	50V	Electrolytic	AC
C1184	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1185	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1186	VCKYCY1HB182KY	J	1800p	50V	Ceramic	AA

DUNTKB658FE01 (LC-30HV4U)
DUNTKB658FE02 (LC-30HV4D)
AV Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description			Code
C1187	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C1188	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C1189	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1190	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1191	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1201	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1210	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1226	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1227	VCKYCY1HB182KY	J	1800p	50V	Ceramic	AA
C1228	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C1229	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1230	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C1301	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1302	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1303	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1304	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1305	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1306	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1307	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1308	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1309	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1310	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1311	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C1312	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1313	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1314	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1316	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1320	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1321	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1322	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1323	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1324	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1325	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1326	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1327	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1328	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1401	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1402	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1404	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1406	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1407	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1408	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1409	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C1410	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1411	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1412	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1413	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1416	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1417	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1419	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1420	VCCCCY1HH150JY	J	15p	50V	Ceramic	AA
C1421	VCCCCY1HH150JY	J	15p	50V	Ceramic	AA
C1422	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C1423	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1434	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1435	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1436	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1451	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1452	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C1601	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1602	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C1603	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C1604	VCCCCY1HH561JY	J	560p	50V	Ceramic	AB
C1605	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1606	VCKYCY1CB683KY	J	0.068	16V	Ceramic	AC
C1607	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C1608	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1609	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1610	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1612	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1614	VCCCCY1HH561JY	J	560p	50V	Ceramic	AB
C1615	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1616	VCKYCY1CB683KY	J	0.068	16V	Ceramic	AC
C1617	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C1618	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1619	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C1621	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1622	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1623	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C1624	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C1625	VCCCCY1HH561JY	J	560p	50V	Ceramic	AB
C1626	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1627	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C1628	VCKYCY1CB683KY	J	0.068	16V	Ceramic	AC
C1629	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1630	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C1640	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1641	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1642	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1643	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1644	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1645	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1648	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1649	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1650	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1651	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1652	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1653	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1654	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1655	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1656	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1657	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1658	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1659	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1660	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1661	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1662	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1663	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1664	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1665	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1666	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1667	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1668	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1669	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1670	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1671	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1672	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1673	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1674	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1675	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1676	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1677	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1678	VCEAPF1CW476MY	J	47	16V	Electrolytic	AC
C1679	VCEAPF1CW476MY	J	47	16V	Electrolytic	AC
C1680	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1681	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1682	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1683	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C1684	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1685	VCEAPF1CW476MY	J	47	16V	Electrolytic	AC
C1686	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1687	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2500	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2502	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C2503	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2504	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2505	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2506	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2507	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C2508	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2509	VCEAPF1CW476MY	J	47	16V	Electrolytic	AC
C2510	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C2511	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C2512	VCKYCY1HB332KY	J	3300p	50V	Ceramic	AA
C2513	VCKYCY1HB332KY	J	3300p	50V	Ceramic	AA
C2514	VCKYCY1HB332KY	J	3300p	50V	Ceramic	AA

DUNTKB658FE01 (LC-30HV4U)
DUNTKB658FE02 (LC-30HV4D)
AV Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description			Code
C2515	VCKYCY1HB332KY	J	3300p	50V	Ceramic	AA
C2516	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2517	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2519	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C2520	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C2521	VCEAPF1HW335MY	J	3.3	50V	Electrolytic	AC
C2522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2523	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2524	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2525	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2526	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2527	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2528	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2529	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2530	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C2531	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2532	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2533	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2534	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2535	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2536	VCEASH1CN477MY	J	470	16V	Electrolytic	AD
C2537	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2538	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2539	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2541	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2542	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2543	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2544	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2545	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2546	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2547	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2548	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2549	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2550	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C2551	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2552	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2553	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2554	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2556	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C2557	VCCCCY1HH561JY	J	560p	50V	Ceramic	AB
C2558	VCCCCY1HH561JY	J	560p	50V	Ceramic	AB
C2559	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C2560	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2561	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2562	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C2563	VCEAPF1HW225MY	J	2.2	50V	Electrolytic	AB
C2564	VCEAPF1HW225MY	J	2.2	50V	Electrolytic	AB
C2565	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C2566	VCCCCY1HH561JY	J	560p	50V	Ceramic	AB
C2567	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2568	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2569	VCCCCY1HH561JY	J	560p	50V	Ceramic	AB
C2570	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C2571	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C2572	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2573	RC-KZ0069TAZZY	J	10	16V	Ceramic	AE
C2574	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2575	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2576	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C2580	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C2581	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C2582	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2583	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2584	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2585	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2587	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2588	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2589	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2590	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2591	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2592	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2593	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2597	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2598	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C2600	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2601	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2602	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2603	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2604	VCEASH1CN337MY	J	330	16V	Electrolytic	AE
C2605	VCEASH1CN337MY	J	330	16V	Electrolytic	AE
C2606	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2607	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2608	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2609	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C5701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5702	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C5703	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C5704	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5705	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5706	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C5708	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5710	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C5711	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C5712	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5713	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5714	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C5715	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C5716	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5719	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C5720	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5721	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5722	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C5723	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C5724	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5725	VCEAPF1CW107MY	J	100	16V	Electrolytic	AC
C5726	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5727	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5728	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB

RESISTORS

R1101	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R1103	VRS-CY1JF274JY	J	270k	1/16W	Metal Oxide	AA
R1104	VRS-CA1JF680JY	J	68	1/16W	Metal Oxide	AA
R1106	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R1109	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1110	VRS-CY1JF683JY	J	68k	1/16W	Metal Oxide	AA
R1112	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1113	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1114	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R1115	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1116	VRS-CY1JF122JY	J	1.2k	1/16W	Metal Oxide	AA
R1117	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1118	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1123	VRS-CB1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1124	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1125	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1126	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1127	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1128	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1129	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1130	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1135	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1136	VRS-CY1JF274JY	J	270k	1/16W	Metal Oxide	AA
R1137	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1138	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1139	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1140	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1141	VRS-CY1JF274JY	J	270k	1/16W	Metal Oxide	AA
R1142	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1143	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1144	VRS-CY1JF274JY	J	270k	1/16W	Metal Oxide	AA
R1145	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1146	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1147	VRS-TX2HF750JY	J	75	1/2W	Metal Oxide	AB

DUNTKB658FE01 (LC-30HV4U)
DUNTKB658FE02 (LC-30HV4D)
AV Unit (AVC System) (Continued)

Ref. No.	Part No.	★			Description	Code
R1148	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1149	VRS-TX2HF750JY	J	75	1/2W	Metal Oxide	AB
R1150	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1151	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1152	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1153	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1154	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1155	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1156	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1157	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1158	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R1159	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R1160	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1161	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R1162	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R1163	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1164	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1165	VRS-TX2HF750JY	J	75	1/2W	Metal Oxide	AB
R1166	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1167	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R1168	VRS-CY1JF271JY	J	270	1/16W	Metal Oxide	AA
R1169	VRS-CY1JF564JY	J	560k	1/16W	Metal Oxide	AA
R1170	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R1171	VRS-CY1JF271JY	J	270	1/16W	Metal Oxide	AA
R1172	VRS-CY1JF564JY	J	560k	1/16W	Metal Oxide	AA
R1173	VRS-CY1JF564JY	J	560k	1/16W	Metal Oxide	AA
R1174	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1175	VRS-CY1JF564JY	J	560k	1/16W	Metal Oxide	AA
R1180	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R1182	VRS-CB1JF223JY	J	22k	1/16W	Metal Oxide	AA
R1185	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1187	VRS-CY1JF561JY	J	560	1/16W	Metal Oxide	AA
R1188	VRS-CY1JF561JY	J	560	1/16W	Metal Oxide	AA
R1189	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1190	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1191	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1192	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R1193	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1195	VRS-CY1JF274JY	J	270k	1/16W	Metal Oxide	AA
R1196	VRS-CY1JF680JY	J	68	1/16W	Metal Oxide	AA
R1197	VRS-CY1JF680JY	J	68	1/16W	Metal Oxide	AA
R1198	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R1199	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1200	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R1201	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1202	VRS-CY1JF683JY	J	68k	1/16W	Metal Oxide	AA
R1203	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R1204	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1205	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R1206	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R1207	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R1208	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R1209	VRS-TQ2BD561JY	J	560	1/8W	Metal Oxide	AA
R1211	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R1212	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R1213	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1214	VRS-CY1JF122JY	J	1.2k	1/16W	Metal Oxide	AA
R1215	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1216	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1217	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1218	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R1219	VRS-TQ2BD561JY	J	560	1/8W	Metal Oxide	AA
R1220	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1221	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R1222	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1223	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1224	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R1225	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R1226	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R1227	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R1228	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1229	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1230	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R1231	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R1232	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1233	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R1301	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1302	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1303	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1304	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1305	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1306	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1307	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1308	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1309	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1310	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1311	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1312	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1313	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1314	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1315	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1316	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1317	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1318	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1319	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1320	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1321	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1322	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1323	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1324	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1325	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1326	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1327	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R1328	VRS-TW2ED221JY	J	220	1/4W	Metal Oxide	AB
R1329	VRS-TW2ED221JY	J	220	1/4W	Metal Oxide	AB
R1330	VRS-TW2ED221JY	J	220	1/4W	Metal Oxide	AB
R1331	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R1334	VRS-CY1JF561JY	J	560	1/16W	Metal Oxide	AA
R1335	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1336	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1338	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1340	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1341	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1342	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1343	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1348	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1349	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1350	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1354	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1405	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1406	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1407	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1411	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1412	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1413	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1418	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R1421	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R1422	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1423	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1424	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1425	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1429	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1430	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1431	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1432	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1433	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R1437	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1438	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1439	VRS-CY1JF220JY	J	22	1/16W	Metal Oxide	AA
R1443	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1444	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1445	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1446	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1447	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1448	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1457	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA

DUNTKB658FE01 (LC-30HV4U)
DUNTKB658FE02 (LC-30HV4D)
AV Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description	Code
R1458	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1459	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1460	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1461	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1462	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1466	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1467	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1468	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1469	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1601	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1602	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1603	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1604	VRS-CY1JF824JY	J	820k 1/16W Metal Oxide	AA
⚠ R1605	RR-SZ0080CEZZY	J	Resistor	AA
R1606	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1607	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1608	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R1609	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1610	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R1612	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1613	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1614	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R1615	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1616	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R1617	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1618	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R1620	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1621	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R1622	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R1623	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R1624	VRS-CY1JF112FY	J	1.1k 1/16W Metal Oxide	AA
R1625	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1626	VRS-CY1JF824JY	J	820k 1/16W Metal Oxide	AA
⚠ R1627	RR-SZ0080CEZZY	J	Resistor	AA
R1628	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R1629	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1630	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R1631	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1632	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R1634	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1635	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1636	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1637	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R1638	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1639	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1640	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R1641	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1642	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1643	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R1644	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1645	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1646	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1647	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R1648	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1650	VRS-CY1JF391FY	J	390 1/16W Metal Oxide	AA
R1651	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1652	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1653	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1654	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R1655	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1656	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1657	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1658	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1659	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1660	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1661	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R1663	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1664	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1667	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1668	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1669	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1670	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1671	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1672	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1673	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1674	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1675	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1676	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1677	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2501	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2502	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R2505	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2506	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2507	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2510	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R2511	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2512	VRS-CA1JF102JY	J	1k 1/16W Metal Oxide	AA
R2513	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2514	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2515	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2516	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2517	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2518	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2520	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2521	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2522	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2523	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2524	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2525	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2526	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2527	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R2528	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2529	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2530	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R2531	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2533	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R2534	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2538	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2539	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2542	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2547	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2552	VRS-CA1JF102JY	J	1k 1/16W Metal Oxide	AA
R2553	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R2554	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R2556	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2557	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2558	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2559	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2560	VRS-CA1JF223JY	J	22k 1/16W Metal Oxide	AA
R2561	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2563	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2564	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2565	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2566	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2567	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2568	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2569	VRS-CA1JF223JY	J	22k 1/16W Metal Oxide	AA
R2571	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2572	VRS-CA1JF223JY	J	22k 1/16W Metal Oxide	AA
R2574	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2575	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2576	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2577	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2578	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2579	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2581	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2582	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2583	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2584	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2586	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2589	VRS-CY1JF203JY	J	20k 1/16W Metal Oxide	AA
R2590	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R2591	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2592	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2593	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2596	VRS-CB1JF223JY	J	22k 1/16W Metal Oxide	AA

DUNTKB658FE01 (LC-30HV4U)
DUNTKB658FE02 (LC-30HV4D)
AV Unit (AVC System) (Continued)

Ref. No.	Part No.	★				Code
R2603	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R2619	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2620	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R5701	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R5702	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R5704	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R5706	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R5718	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R5719	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R5726	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R5728	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R5729	VRS-CY1JF561JY	J	560	1/16W	Metal Oxide	AA
R5730	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R5731	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R5732	VRS-CR3AD330JY	J	33	1W	Metal Oxide	
R5733	RR-XZA001WJZZY (RF732ETTD1R0J)	J	1	1/4W	Fuse Resistor	AD
R5734	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R5735	RR-XZA001WJZZY (RF732ETTD1R0J)	J	1	1/4W	Fuse Resistor	AD

MISCELLANEOUS PARTS

FB1401	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB1402	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB1602	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB1650	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1651	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1652	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1653	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1654	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1655	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1656	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1657	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1658	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB2508	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB2509	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5701	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5702	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5704	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5706	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5708	RBLN-0210TAZZY	J	Ferrite Bead	AB
J1103	QTANJ0974CEZZ	J	AV Terminal	AL
J1104	QTANJ0974CEZZ	J	AV Terminal	AL
P1101	QTiPM0083CEZZ	J	Tip(GND)	AB
P1301	QPLGN0435FJZZ	J	Plug, 26-pin	AD
P2502	QPLGNA043WJZZ	J	Plug, 4-pin	AB
P2504	QPLGN0572FJZZY	J	Plug, 10-pin	AE
P2505	QCNCMA064WJZZ	J	Connector, 15-pin	AD
P5701	QPLGN0546FJZZY	J	Plug, 9-pin	AE
P5702	QPLGN0378GEZZ	J	Plug, 3-pin	AB
SC1101	QSOCD0834CEZZ	J	Socket(S-VIDEO)	AH
SC1102	QSOCD0834CEZZ	J	Socket(S-VIDEO)	AH
SC1402	QSOCN0493FJZZY	J	Socket, 45-pin	AG
SC1650	QSOCZA017WJZZ	J	DVI-Digital Unput Terminal	AM
LUG1101	QLUGHA001WJZZY	J	Lug	AD
LUG1102	QLUGHA001WJZZY	J	Lug	AD
LUG1103	QLUGHA001WJZZY	J	Lug	AD
LUG1104	QLUGHA001WJZZY	J	Lug	AD
LUG1105	QLUGHA001WJZZY	J	Lug	AD
TP1101	QLUGP0110TAFWY	J	Lug	AB
TP1102	QLUGP0110TAFWY	J	Lug	AB
	PSLDMA148WJFM	J	Shield	
	QCNW-A822WJZZ	J	Connecting Cord(Main-AV)	AF
	QCNW-A823WJZZ	J	Connecting Cord(Main-AV)	AM
	QCNW-A824WJZZ	J	Connecting Cord(Main-AV)	AQ

CPCi-A005WJ55 (LC-30HV4U)
CPCi-A005WJ57 (LC-30HV4D)
PC I/F Unit (AVC System)

INTEGRATED CIRCUITS

IC10001	RH-iX3270CEZZ	J	HD6417709	BH
IC10002	9DK001-15061	J	PST600IM	AL
IC10003	9DK001-11025	J	AT24C128N-10SI-2.7	AT
IC10004	9DK001-15079	J	CXA3506R	BN
IC10007	9DK001-15038	J	PQ05TZ11	AR
IC10008	9DK001-15071	J	PQ20VZ11	AL
IC10019	9DK001-15060	J	PST623XW	AP
IC10025	RH-iXA091WJZZQ	J	CVIC2	BX
IC10027	RH-iXA431WJZZQ	J	LH28F320BFE-PTTL80	BA
IC10028	9DK001-11027	J	MSM51V18165F-60TS-K	AX
IC10053	9DK001-12079	J	74LVX86MTC	AG
IC10310	9DK001-15082	J	TLC5733A	BC
IC10316	9DK001-15053	J	TL431CPS	AL
IC10319	9DK001-11029	J	EM61V232TSB-6T	AZ
IC10320	9DK001-11029	J	EM61V232TSB-6T	AZ
IC10321	9DK001-11029	J	EM61V232TSB-6T	AZ
IC10322	9DK001-11029	J	EM61V232TSB-6T	AZ
IC10327	9DK001-15084	J	NJM4560M	AK
IC10328	9DK001-15054	J	TLC2933IPW	AX
IC10400	9DK001-12079	J	74LVX86MTC	AG
IC10402	9DK001-12105	J	74LVX125MTC	AK
IC10404	9DK001-12105	J	74LVX125MTC	AK
IC10405	9DK001-15107	J	uPD4721G	AS
IC10408	9DK001-12085	J	HD74HCT244T	AL
IC10410	9DK001-12085	J	HD74HCT244T	AL
IC10411	9DK001-12103	J	74LCX157MTC	AK
IC10412	9DK001-15093	J	PQ1R33	AP
IC10415	9DK001-15109	J	BA09FP	AN
IC10419	9DK001-12102	J	TC7WH123FK	AM
IC10420	9DK001-12108	J	TC7WT126FU	AL
IC10422	9DK001-12070	J	HD74HCT125T	AL

Note: When replace the following parts, PWB replacement correspondence.

IC10413	—	–	SII170	—

TRANSISTORS

Q10012	9DK001-20025	J	IMB3A	AE
Q10013	9DK001-20011	J	2SC2412KQ	AE
Q10015	9DK001-20012	J	2SA1037AKQ	AE
Q10102	9DK001-20036	J	NDC7002N	AL
Q10103	9DK001-20011	J	2SC2412KQ	AE
Q10104	9DK001-20011	J	2SC2412KQ	AE
Q10105	9DK001-20011	J	2SC2412KQ	AE
Q10107	9DK001-20011	J	2SC2412KQ	AE
Q10108	9DK001-20011	J	2SC2412KQ	AE
Q10109	9DK001-20011	J	2SC2412KQ	AE
Q10110	9DK001-20011	J	2SC2412KQ	AE
Q10111	9DK001-20012	J	2SA1037AKQ	AE
Q10112	9DK001-20012	J	2SA1037AKQ	AE
Q10113	9DK001-20012	J	2SA1037AKQ	AE
Q10114	9DK001-20011	J	2SC2412KQ	AE
Q10117	9DK001-20011	J	2SC2412KQ	AE
Q10118	9DK001-20011	J	2SC2412KQ	AE
Q10119	9DK001-20011	J	2SC2412KQ	AE
Q10120	9DK001-20036	J	NDC7002N	AL

DIODES

D10009	9DK001-30018	J	1SS187	AD
D10020	9DK001-30018	J	1SS187	AD
D10050	9DK001-30015	J	MA157A	AE
D10051	9DK001-30015	J	MA157A	AE
D10054	9DK001-30022	J	MA3120WA	AG
D10055	9DK001-30022	J	MA3120WA	AG
D10056	9DK001-30022	J	MA3120WA	AG
D10057	9DK001-30022	J	MA3120WA	AG
D10070	9DK001-30020	J	1SS355	AD
D10071	9DK001-30020	J	1SS355	AD
D10072	9DK001-30020	J	1SS355	AD
D10073	9DK001-30021	J	1SS400	AE
D10075	9DK001-30018	J	1SS187	AD

Ref. No.	Part No.	★	Description	Code

CPCi-A005WJ55 (LC-30HV4U)
CPCi-A005WJ57 (LC-30HV4D)
PC I/F Unit (AVC System) (Continued)

D10076	9DK001-30018	J	1SS187	AD
D10078	9DK001-30023	J	1SS380	AD
D10079	9DK001-30015	J	MA157A	AE
D10080	9DK001-30015	J	MA157A	AE
D10081	9DK001-30015	J	MA157A	AE
D10082	9DK001-30015	J	MA157A	AE
D10083	9DK001-30015	J	MA157A	AE
D10084	9DK001-30015	J	MA157A	AE
D10085	9DK001-30015	J	MA157A	AE
D10086	9DK001-30015	J	MA157A	AE
D10087	9DK001-30015	J	MA157A	AE
D10088	9DK001-30024	J	RB521S-30	AD

PACKAGED CIRCUITS

X10001	9DK001-80012	J	CX-5F	AN
X10003	9DK001-80036	J	DSO751SV	AR
X10004	9DK001-80027	J	DSO751SV	
X10005	9DK001-80042	J	DSO751SV	AS
X10006	9DK001-80037	J	DSO751SV	AR

FILTERS AND COILS

FL10205	9DK001-81063	J	Filter			AF
FL10206	9DK001-81063	J	Filter			AF
FL10207	9DK001-81063	J	Filter			AF
FL10208	9DK001-81063	J	Filter			AF
FL10098	9DK001-50080	J	33	1/10W	Chip2125	AB
FL10110	9DK001-50110	J	0	1/10W	Chip2125	AB
L10001	9DK001-81052	J	NLC322522T-3R3M 3.3µH			AG
L10002	9DK001-81052	J	NLC322522T-3R3M 3.3µH			AG
L10004	9DK001-81052	J	NLC322522T-3R3M 3.3µH			AG
L10022	9DK001-81052	J	NLC322522T-3R3M 3.3µH			AG
L10100	9DK001-81052	J	NLC322522T-3R3M 3.3µH			AG
L10101	9DK001-81052	J	NLC322522T-3R3M 3.3µH			AG
FL10006	9DK001-81020	J	Filter, BMK351			AG
FL10010	9DK001-81020	J	Filter, BMK351			AG
FL10029	9DK001-81020	J	Filter, BMK351			AG
FL10030	9DK001-81020	J	Filter, BMK351			AG
FL10031	9DK001-81020	J	Filter, BMK351			AG
FL10032	9DK001-81020	J	Filter, BMK351			AG
FL10094	9DK001-50113	J	0	1/4W	Chip3216	AB
FL10095	9DK001-50113	J	0	1/4W	Chip3216	AB
FL10200	9DK001-81020	J	Filter, BMK351			AG
FL10201	9DK001-81020	J	Filter, BMK351			AG
FL10204	9DK001-81020	J	Filter, BMK351			AG

CAPACITORS

C10001	9DK001-42094	J	0.1	25V	Ceramic	AC
C10002	9DK001-42094	J	0.1	25V	Ceramic	AC
C10004	9DK001-42094	J	0.1	25V	Ceramic	AC
C10005	9DK001-42094	J	0.1	25V	Ceramic	AC
C10006	9DK001-42096	J	0.01	50V	Ceramic	AC
C10007	9DK001-42096	J	0.01	50V	Ceramic	AC
C10008	9DK001-42096	J	0.01	50V	Ceramic	AC
C10009	9DK001-42096	J	0.01	50V	Ceramic	AC
C10010	9DK001-42131	J	10	10V	Ceramic	AE
C10012	9DK001-42103	J	15p	50V	Ceramic	AC
C10013	9DK001-42103	J	15p	50V	Ceramic	AC
C10014	9DK001-42096	J	0.01	50V	Ceramic	AC
C10015	9DK001-42131	J	10	10V	Ceramic	AE
C10017	9DK001-42096	J	0.01	50V	Ceramic	AC
C10018	9DK001-42096	J	0.01	50V	Ceramic	AC
C10019	9DK001-42104	J	470p	50V	Ceramic	AC
C10020	9DK001-42104	J	470p	50V	Ceramic	AC
C10021	9DK001-42096	J	0.01	50V	Ceramic	AC
C10022	9DK001-42096	J	0.01	50V	Ceramic	AC
C10023	9DK001-42096	J	0.01	50V	Ceramic	AC
C10024	9DK001-40127	J	10	16V	Electrolytic	AD
C10025	9DK001-42096	J	0.01	50V	Ceramic	AC
C10026	9DK001-42096	J	0.01	50V	Ceramic	AC
C10027	9DK001-42096	J	0.01	50V	Ceramic	AC
C10028	9DK001-42096	J	0.01	50V	Ceramic	AC
C10029	9DK001-42096	J	0.01	50V	Ceramic	AC
C10030	9DK001-42105	J	0.047	50V	Ceramic	AC
C10031	9DK001-42094	J	0.1	25V	Ceramic	AC
C10032	9DK001-42094	J	0.1	25V	Ceramic	AC
C10033	9DK001-42094	J	0.1	25V	Ceramic	AC
C10034	9DK001-42096	J	0.01	50V	Ceramic	AC
C10035	9DK001-42096	J	0.01	50V	Ceramic	AC
C10036	9DK001-42096	J	0.01	50V	Ceramic	AC
C10037	9DK001-42096	J	0.01	50V	Ceramic	AC
C10038	9DK001-42096	J	0.01	50V	Ceramic	AC
C10042	9DK001-42096	J	0.01	50V	Ceramic	AC
C10043	9DK001-42096	J	0.01	50V	Ceramic	AC
C10051	9DK001-42096	J	0.01	50V	Ceramic	AC
C10052	9DK001-42096	J	0.01	50V	Ceramic	AC
C10053	9DK001-42096	J	0.01	50V	Ceramic	AC
C10062	9DK001-42094	J	0.1	25V	Ceramic	AC
C10070	9DK001-42094	J	0.1	25V	Ceramic	AC
C10078	9DK001-42094	J	0.1	25V	Ceramic	AC
C10079	9DK001-40126	J	47	6.3V	Electrolytic	AD
C10080	9DK001-40128	J	47	16V	Electrolytic	AD
C10081	9DK001-42096	J	0.01	50V	Ceramic	AC
C10082	9DK001-42096	J	0.01	50V	Ceramic	AC
C10083	9DK001-42096	J	0.01	50V	Ceramic	AC
C10084	9DK001-40126	J	47	6.3V	Electrolytic	AD
C10096	9DK001-40126	J	47	6.3V	Electrolytic	AD
C10110	9DK001-42094	J	0.1	25V	Ceramic	AC
C10111	9DK001-42094	J	0.1	25V	Ceramic	AC
C10112	9DK001-42094	J	0.1	25V	Ceramic	AC
C10113	9DK001-42156	J	1	6.3V	Ceramic	AC
C10114	9DK001-42094	J	0.1	25V	Ceramic	AC
C10115	9DK001-42094	J	0.1	25V	Ceramic	AC
C10116	9DK001-42094	J	0.1	25V	Ceramic	AC
C10117	9DK001-42094	J	0.1	25V	Ceramic	AC
C10118	9DK001-42094	J	0.1	25V	Ceramic	AC
C10119	9DK001-42094	J	0.1	25V	Ceramic	AC
C10120	9DK001-42094	J	0.1	25V	Ceramic	AC
C10121	9DK001-42094	J	0.1	25V	Ceramic	AC
C10122	9DK001-42156	J	1	6.3V	Ceramic	AC
C10123	9DK001-42094	J	0.1	25V	Ceramic	AC
C10124	9DK001-42094	J	0.1	25V	Ceramic	AC
C10125	9DK001-42094	J	0.1	25V	Ceramic	AC
C10126	9DK001-42156	J	1	6.3V	Ceramic	AC
C10127	9DK001-42099	J	100p	50V	Ceramic	AM
C10128	9DK001-42149	J	0.33	16V	Ceramic	AC
C10130	9DK001-42099	J	100p	50V	Ceramic	AC
C10131	9DK001-42094	J	0.1	25V	Ceramic	AC
C10132	9DK001-42156	J	1	6.3V	Ceramic	AC
C10133	9DK001-42094	J	0.1	25V	Ceramic	AC
C10134	9DK001-42094	J	0.1	25V	Ceramic	AC
C10135	9DK001-42094	J	0.1	25V	Ceramic	AC
C10136	9DK001-42094	J	0.1	25V	Ceramic	AC
C10137	9DK001-42094	J	0.1	25V	Ceramic	AC
C10138	9DK001-42094	J	0.1	25V	Ceramic	AC
C10143	9DK001-42096	J	0.01	50V	Ceramic	AC
C10144	9DK001-40122	J	Capacitor (N. P)			AL
C10145	9DK001-42096	J	0.01	50V	Ceramic	AC
C10146	9DK001-40126	J	47	6.3V	Electrolytic	AD
C10149	9DK001-42096	J	0.01	50V	Ceramic	AC
C10350	9DK001-42096	J	0.01	50V	Ceramic	AC
C10361	9DK001-40124	J	100	4V	Electrolytic	AD
C10366	9DK001-40111	J	Capacitor (N. P)			AL
C10367	9DK001-40111	J	Capacitor (N. P)			AL
C10531	9DK001-40126	J	47	6.3V	Electrolytic	AD
C10532	9DK001-42096	J	0.01	50V	Ceramic	AC
C10537	9DK001-40127	J	10	16V	Electrolytic	AD
C10538	9DK001-42094	J	0.1	25V	Ceramic	AC
C10542	9DK001-40127	J	10	16V	Electrolytic	AD
C10543	9DK001-42094	J	0.1	25V	Ceramic	AC
C10544	9DK001-42094	J	0.1	25V	Ceramic	AC
C10545	9DK001-42094	J	0.1	25V	Ceramic	AC
C10546	9DK001-42094	J	0.1	25V	Ceramic	AC
C10550	9DK001-40127	J	10	16V	Electrolytic	AD
C10551	9DK001-42094	J	0.1	25V	Ceramic	AC
C10552	9DK001-42094	J	0.1	25V	Ceramic	AC
C10553	9DK001-42094	J	0.1	25V	Ceramic	AC

CPCi-A005WJ55 (LC-30HV4U)
CPCi-A005WJ57 (LC-30HV4D)
PC I/F Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description			Code
C10554	9DK001-40127	J	10	16V	Electrolytic	AD
C10555	9DK001-42094	J	0.1	25V	Ceramic	AC
C10556	9DK001-42094	J	0.1	25V	Ceramic	AC
C10557	9DK001-42094	J	0.1	25V		AC
C10558	9DK001-42094	J	0.1	25V		AC
C10559	9DK001-42113	J	4.7	10V		AB
C10562	9DK001-42094	J	0.1	25V		AC
C10563	9DK001-42094	J	0.1	25V		AC
C10564	9DK001-40111	J	Capacitor (N. P)			AL
C10565	9DK001-42094	J	0.1	25V		AC
C10566	9DK001-42123	J	330p	50V		AC
C10573	9DK001-40124	J	100	4V	Electrolytic	AD
C10574	9DK001-40124	J	100	4V	Electrolytic	AD
C10575	9DK001-42094	J	0.1	25V		AC
C10576	9DK001-42094	J	0.1	25V		AC
C10577	9DK001-42094	J	0.1	25V		AC
C10578	9DK001-42094	J	0.1	25V		AC
C10579	9DK001-42094	J	0.1	25V		AC
C10580	9DK001-42094	J	0.1	25V		AC
C10581	9DK001-42094	J	0.1	25V		AC
C10582	9DK001-42094	J	0.1	25V		AC
C10583	9DK001-42094	J	0.1	25V		AC
C10584	9DK001-42094	J	0.1	25V		AC
C10585	9DK001-42094	J	0.1	25V		AC
C10586	9DK001-42094	J	0.1	25V		AC
C10589	9DK001-42094	J	0.1	25V		AC
C10590	9DK001-42094	J	0.1	25V		AC
C10591	9DK001-42094	J	0.1	25V		AC
C10592	9DK001-42094	J	0.1	25V		AC
C10593	9DK001-42094	J	0.1	25V		AC
C10594	9DK001-42094	J	0.1	25V		AC
C10595	9DK001-42094	J	0.1	25V		AC
C10596	9DK001-42094	J	0.1	25V		AC
C10597	9DK001-42094	J	0.1	25V		AC
C10598	9DK001-42094	J	0.1	25V		AC
C10599	9DK001-42094	J	0.1	25V		AC
C10600	9DK001-42094	J	0.1	25V		AC
C10697	9DK001-42096	J	0.01	50V		AC
C10698	9DK001-42152	J	0.47	16V		AC
C10700	9DK001-42152	J	0.47	16V		AC
C10702	9DK001-42152	J	0.47	16V		AC
C10704	9DK001-42111	J	1	10V		AB
C10705	9DK001-42145	J	0.1	16V		AK
C10706	9DK001-42140	J	0.022	25V		AC
C10715	9DK001-42096	J	0.01	50V		AC
C10716	9DK001-42096	J	0.01	50V		AC
C10717	9DK001-42096	J	0.01	50V		AC
C10741	9DK001-40126	J	47	6.3V	Electrolytic	AD
C10757	9DK001-42113	J	4.7	10V		AB
C10759	9DK001-42096	J	0.01	50V		AC
C10762	9DK001-42094	J	0.1	25V		AC
C10763	9DK001-42094	J	0.1	25V		AC
C10764	9DK001-42094	J	0.1	25V		AC
C10766	9DK001-42094	J	0.1	25V		AC
C10768	9DK001-42111	J	1	10V		AB
C10769	9DK001-42113	J	4.7	10V		AB
C10777	9DK001-42094	J	0.1	25V		AC
C10800	9DK001-42094	J	0.1	25V		AC
C10802	9DK001-42094	J	0.1	25V		AC
C10803	9DK001-42094	J	0.1	25V		AC
C10804	9DK001-40129	J	2.2	50V	Electrolytic	AD
C10805	9DK001-40129	J	2.2	50V	Electrolytic	AD
C10806	9DK001-40129	J	2.2	50V	Electrolytic	AD
C10807	9DK001-40129	J	2.2	50V	Electrolytic	AD
C10808	9DK001-40129	J	2.2	50V	Electrolytic	AD
C10813	9DK001-42094	J	0.1	25V		AC
C10814	9DK001-42094	J	0.1	25V		AC
C10815	9DK001-42094	J	0.1	25V		AC
C10816	9DK001-42094	J	0.1	25V		AC
C10817	9DK001-42094	J	0.1	25V		AC
C10818	9DK001-42094	J	0.1	25V		AC
C10819	9DK001-42094	J	0.1	25V		AC
C10820	9DK001-42094	J	0.1	25V		AC
C10821	9DK001-42094	J	0.1	25V		AC
C10822	9DK001-42094	J	0.1	25V		AC
C10823	9DK001-42094	J	0.1	25V		AC
C10824	9DK001-42094	J	0.1	25V		AC
C10825	9DK001-42094	J	0.1	25V		AC
C10826	9DK001-42094	J	0.1	25V	Ceramic	AC
C10827	9DK001-42094	J	0.1	25V	Ceramic	AC
C10828	9DK001-42094	J	0.1	25V	Ceramic	AC
C10829	9DK001-42094	J	0.1	25V	Ceramic	AC
C10830	9DK001-42094	J	0.1	25V	Ceramic	AC
C10831	9DK001-42094	J	0.1	25V	Ceramic	AC
C10832	9DK001-42094	J	0.1	25V	Ceramic	AC
C10833	9DK001-42094	J	0.1	25V	Ceramic	AC
C10834	9DK001-42094	J	0.1	25V	Ceramic	AC
C10835	9DK001-42094	J	0.1	25V	Ceramic	AC
C10836	9DK001-42094	J	0.1	25V	Ceramic	AC
C10837	9DK001-42094	J	0.1	25V	Ceramic	AC
C10838	9DK001-42094	J	0.1	25V	Ceramic	AC
C10839	9DK001-42094	J	0.1	25V	Ceramic	AC
C10840	9DK001-42094	J	0.1	25V	Ceramic	AC
C10841	9DK001-42094	J	0.1	25V	Ceramic	AC
C10842	9DK001-42094	J	0.1	25V	Ceramic	AC
C10843	9DK001-42094	J	0.1	25V	Ceramic	AC
C10844	9DK001-42094	J	0.1	25V	Ceramic	AC
C10845	9DK001-42094	J	0.1	25V	Ceramic	AC
C10846	9DK001-42111	J	1	10V	Ceramic	AB
C10847	9DK001-40125	J	100	6.3V	Electrolytic	AD
C10848	9DK001-42094	J	0.1	25V	Ceramic	AC
C10849	9DK001-40125	J	100	6.3V	Electrolytic	AD
C10850	9DK001-40111	J	Capacitor (N. P)			AL
C10851	9DK001-40111	J	Capacitor (N. P)			AL
C10852	9DK001-40126	J	47	6.3V	Electrolytic	AD
C10853	9DK001-42096	J	0.01	50V	Ceramic	AC
C10854	9DK001-40128	J	47	16V	Electrolytic	AD
C10855	9DK001-42133	J	82p	50V	Ceramic	AC
C10856	9DK001-42094	J	0.1	25V	Ceramic	AC
C10857	9DK001-40127	J	10	16V	Electrolytic	AD
C10858	9DK001-42133	J	82p	50V	Ceramic	AC
C10859	9DK001-42094	J	0.1	25V	Ceramic	AC
C10860	9DK001-40127	J	10	16V	Electrolytic	AD
C10863	9DK001-42133	J	82p	50V	Ceramic	AC
C10864	9DK001-42133	J	82p	50V	Ceramic	AC
C10865	9DK001-42133	J	82p	50V	Ceramic	AC
C10867	9DK001-40127	J	10	16V	Electrolytic	AD
C10868	9DK001-42094	J	0.1	25V	Ceramic	AC
C10869	9DK001-42094	J	0.1	25V	Ceramic	AC
C10870	9DK001-42133	J	82p	50V	Ceramic	AC
C10872	9DK001-42094	J	0.1	25V	Ceramic	AC
C10874	9DK001-42133	J	82p	50V	Ceramic	AC
C10875	9DK001-42133	J	82p	50V	Ceramic	AC
C10876	9DK001-42094	J	0.1	25V	Ceramic	AC
C10879	9DK001-42133	J	82p	50V	Ceramic	AC
C10880	9DK001-42152	J	0.47	16V	Ceramic	AC
C10881	9DK001-42094	J	0.1	25V	Ceramic	AC
C10882	9DK001-40123	J	22	16V	Electrolytic	AD
C10883	9DK001-42094	J	0.1	25V	Ceramic	AC
C10884	9DK001-42094	J	0.1	25V	Ceramic	AC
C10885	9DK001-42094	J	0.1	25V	Ceramic	AC
C10886	9DK001-42152	J	0.47	16V	Ceramic	AC
C10887	9DK001-42151	J	120p	50V	Ceramic	AC
C10888	9DK001-42151	J	120p	50V	Ceramic	AC
C10889	9DK001-42151	J	120p	50V	Ceramic	AC
C10890	9DK001-40127	J	10	16V	Electrolytic	AD
C10891	9DK001-40127	J	10	16V	Electrolytic	AD
C10894	9DK001-42094	J	0.1	25V	Ceramic	AC
C10895	9DK001-42094	J	0.1	25V	Ceramic	AC
C10896	9DK001-42094	J	0.1	25V	Ceramic	AC
C10897	9DK001-42094	J	0.1	25V	Ceramic	AC
C10898	9DK001-42099	J	100p	50V	Ceramic	AC
C10899	9DK001-42099	J	100p	50V	Ceramic	AC
C10900	9DK001-42099	J	100p	50V	Ceramic	AC
C10904	9DK001-42094	J	0.1	25V	Ceramic	AC
C10905	9DK001-42157	J	0.1	25V	Ceramic	AC

CPCi-A005WJ55 (LC-30HV4U)
CPCi-A005WJ57 (LC-30HV4D)
PC I/F Unit (AVC System) (Continued)

Ref. No.	Part No.	★	Description			Code
C10907	9DK001-42094	J	0.1	25V	Ceramic	AC
C10908	9DK001-42094	J	0.1	25V	Ceramic	AC
C10913	9DK001-42094	J	0.1	25V	Ceramic	AC
C10916	9DK001-42094	J	0.1	25V	Ceramic	AC
C10919	9DK001-42096	J	0.01	50V	Ceramic	AC
C10920	9DK001-42113	J	4.7	10V	Ceramic	AB
C10921	9DK001-40111	J	Capacitor (N. P)			AL

RESISTORS

Ref. No.	Part No.	★				Code
R10010	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10011	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10016	9DK001-50290	J	560	1/16W	Chip1608	AA
R10017	9DK001-50210	J	33k	1/16W	Chip1608	AA
R10018	9DK001-50154	J	2.2k	1/16W	Chip1608	AB
R10019	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10022	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10027	9DK001-50209	J	27k	1/16W	Chip1608	AA
R10029	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10033	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10034	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10035	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10036	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10040	9DK001-50163	J	68	1/16W	Chip1608	AA
R10043	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10044	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10050	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10051	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10057	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10058	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10062	9DK001-51029	J	10	1/16W	Resistor Array	AD
R10065	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10080	9DK001-50075	J	75	1/10W	Chip2125	AB
R10088	9DK001-50075	J	75	1/10W	Chip2125	AB
R10096	9DK001-50075	J	75	1/10W	Chip2125	AB
R10121	9DK001-50307	J	22	1/2W	Chip5025	AC
R10123	9DK001-50256	J	1.6k	1/16W	Chip1608	AB
R10124	9DK001-50237	J	1.0k	1/16W	Chip1608	AA
R10128	9DK001-50150	J	10	1/16W	Chip1608	AA
R10132	9DK001-50156	J	3.3k	1/16W	Chip1608	AB
R10133	9DK001-50155	J	3k	1/16W	Chip1608	AB
R10137	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10289	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R10340	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10650	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10652	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R10654	9DK001-50204	J	150	1/16W	Chip1608	AA
R10656	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R10664	9DK001-50212	J	100k	1/16W	Chip1608	AA
R10665	9DK001-50212	J	100k	1/16W	Chip1608	AA
R10671	9DK001-50212	J	100k	1/16W	Chip1608	AA
R10677	9DK001-50173	J	470	1/16W	Chip1608	AA
R10678	9DK001-50254	J	1.2k	1/16W	Chip1608	AB
R10680	9DK001-50155	J	3k	1/16W	Chip1608	AB
R10681	9DK001-50155	J	3k	1/16W	Chip1608	AB
R10682	9DK001-50254	J	1.2k	1/16W	Chip1608	AB
R10688	9DK001-50149	J	0	1/16W	Chip1608	AB
R10689	9DK001-50173	J	470	1/16W	Chip1608	AA
R10692	9DK001-50149	J	0	1/16W	Chip1608	AB
R10693	9DK001-50149	J	0	1/16W	Chip1608	AB
R10694	9DK001-50149	J	0	1/16W	Chip1608	AB
R10695	9DK001-50149	J	0	1/16W	Chip1608	AB
R10696	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10697	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10698	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10699	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10730	9DK001-50175	J	680	1/16W	Chip1608	AA
R10731	9DK001-50271	J	620	1/16W	Chip1608	AA
R10743	9DK001-50205	J	1.8k	1/16W	Chip1608	AA
R10745	9DK001-50149	J	0	1/16W	Chip1608	AB
R10747	9DK001-50149	J	0	1/16W	Chip1608	AB
R10749	9DK001-50149	J	0	1/16W	Chip1608	AB
R10867	9DK001-50149	J	0	1/16W	Chip1608	AB
R10868	9DK001-50149	J	0	1/16W	Chip1608	AB
R10869	9DK001-50149	J	0	1/16W	Chip1608	AB
R10877	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10883	9DK001-50149	J	0	1/16W	Chip1608	AB
R10885	9DK001-50149	J	0	1/16W	Chip1608	AB
R10887	9DK001-50149	J	0	1/16W	Chip1608	AB
R10911	9DK001-50121	J	10	1/10W	Chip2125	AB
R10912	9DK001-50121	J	10	1/10W	Chip2125	AB
R10920	9DK001-50165	J	100	1/16W	Chip1608	AA
R10921	9DK001-50165	J	100	1/16W	Chip1608	AA
R10922	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10924	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R10925	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R10927	9DK001-50165	J	100	1/16W	Chip1608	AA
R10928	9DK001-50165	J	100	1/16W	Chip1608	AA
R10929	9DK001-50165	J	100	1/16W	Chip1608	AA
R10930	9DK001-50165	J	100	1/16W	Chip1608	AA
R10934	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10936	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10937	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10939	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10940	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10941	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10947	9DK001-51039	J	56	1/16W	Resistor Array	AD
R10950	9DK001-51037	J	6.8k	1/16W	Resistor Array	AD
R10951	9DK001-51037	J	6.8k	1/16W	Resistor Array	AD
R10955	9DK001-51037	J	6.8k	1/16W	Resistor Array	AD
R10959	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10960	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10961	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10962	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10963	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10964	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10965	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10966	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10967	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10968	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10969	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10970	9DK001-51040	J	68	1/16W	Resistor Array	AD
R10971	9DK001-51042	J	33	1/16W	Resistor Array	AD
R10972	9DK001-51042	J	33	1/16W	Resistor Array	AD
R10973	9DK001-51042	J	33	1/16W	Resistor Array	AD
R10974	9DK001-51042	J	33	1/16W	Resistor Array	AD
R10975	9DK001-51042	J	33	1/16W	Resistor Array	AD
R10976	9DK001-51042	J	33	1/16W	Resistor Array	AD
R10977	9DK001-50185	J	10k	1/16W	Chip1608	AA
R10978	9DK001-50149	J	0	1/16W	Chip1608	AB
R10979	9DK001-50149	J	0	1/16W	Chip1608	AB
R10980	9DK001-50149	J	0	1/16W	Chip1608	AB
R10999	9DK001-50217	J	510	1/16W	Chip1608	AA
R11000	9DK001-50205	J	1.8k	1/16W	Chip1608	AA
R11001	9DK001-50205	J	1.8k	1/16W	Chip1608	AA
R11002	9DK001-50165	J	100	1/16W	Chip1608	AA
R11003	9DK001-50165	J	100	1/16W	Chip1608	AA
R11006	9DK001-50179	J	2.2k	1/16W	Chip1608	AA
R11008	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11009	9DK001-50179	J	2.2k	1/16W	Chip1608	AA
R11011	9DK001-50210	J	33k	1/16W	Chip1608	AA
R11012	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11013	9DK001-50161	J	47	1/16W	Chip1608	AA
R11015	9DK001-50161	J	47	1/16W	Chip1608	AA
R11017	9DK001-50161	J	47	1/16W	Chip1608	AA
R11019	9DK001-50179	J	2.2k	1/16W	Chip1608	AA
R11022	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R11023	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R11024	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R11025	9DK001-50149	J	0	1/16W	Chip1608	AB
R11026	9DK001-50169	J	220	1/16W	Chip1608	AA
R11027	9DK001-50169	J	220	1/16W	Chip1608	AA
R11028	9DK001-50169	J	220	1/16W	Chip1608	AA
R11029	9DK001-50190	J	1M	1/16W	Chip1608	AA
R11030	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11031	9DK001-50186	J	22k	1/16W	Chip1608	AA
R11032	9DK001-50212	J	100k	1/16W	Chip1608	AA

Ref. No.	Part No.	★	Description	Code

CPCi-A005WJ55 (LC-30HV4U)
CPCi-A005WJ57 (LC-30HV4D)
PC I/F Unit (AVC System) (Continued)

R11033	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11034	9DK001-50186	J	22k	1/16W	Chip1608	AA
R11035	9DK001-50212	J	100k	1/16W	Chip1608	AA
R11036	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11037	9DK001-50186	J	22k	1/16W	Chip1608	AA
R11038	9DK001-50212	J	100k	1/16W	Chip1608	AA
R11042	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11043	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11044	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11045	9DK001-50174	J	560	1/16W	Chip1608	AA
R11048	9DK001-50161	J	47	1/16W	Chip1608	AA
R11049	9DK001-50161	J	47	1/16W	Chip1608	AA
R11050	9DK001-50161	J	47	1/16W	Chip1608	AA
R11051	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11052	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11053	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11054	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11055	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11056	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11058	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11059	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11060	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11061	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11062	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11076	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R11077	9DK001-50282	J	220	1/16W	Chip1608	AA
R11077	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11079	9DK001-51039	J	56	1/16W	Resistor Array	AD
R11080	9DK001-50149	J	0	1/16W	Chip1608	AB
R11081	9DK001-50149	J	0	1/16W	Chip1608	AB
R11081	9DK001-50149	J	0	1/16W	Chip1608	AB
R11082	9DK001-50159	J	22	1/16W	Chip1608	AA
R11083	9DK001-50177	J	1k	1/16W	Chip1608	AA
R11084	9DK001-50185	J	10k	1/16W	Chip1608	AA
R11085	9DK001-50185	J	10k	1/16W	Chip1608	AA
R11089	9DK001-50165	J	100	1/16W	Chip1608	AA
R11099	9DK001-50149	J	0	1/16W	Chip1608	AB
R11101	9DK001-51039	J	56	1/16W	Resistor Array	AD
R11102	9DK001-51039	J	56	1/16W	Resistor Array	AD
R11104	9DK001-50165	J	100	1/16W	Chip1608	AA
R11106	9DK001-50185	J	10k	1/16W	Chip1608	AA
R11109	9DK001-50149	J	0	1/16W	Chip1608	AB
R11110	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R11126	9DK001-50088	J	10	1/4W	Chip1608	AB
R11127	9DK001-50185	J	10k	1/16W	Chip1608	AA
R11128	9DK001-50161	J	47	1/16W	Chip1608	AA
R11129	9DK001-50185	J	10k	1/16W	Chip1608	AA
R11130	9DK001-50185	J	10k	1/16W	Chip1608	AA
R11131	9DK001-50185	J	10k	1/16W	Chip1608	AA
R11132	9DK001-50165	J	100	1/16W	Chip1608	AA
R11134	9DK001-50161	J	47	1/16W	Chip1608	AA
R11135	9DK001-50185	J	10k	1/16W	Chip1608	AA
R11201	9DK001-50165	J	100	1/16W	Chip1608	AA
R11202	9DK001-50149	J	0	1/16W	Chip1608	AB

MISCELLANEOUS PARTS

FB10016	9DK001-50110	J	0	1/10W	Chip2125	AB
FB10018	9DK001-50110	J	0	1/10W	Chip2125	AB
FB10019	9DK001-50110	J	0	1/10W	Chip2125	AB
FB10050	9DK001-81060	J	Ferrite Bead			AF
FB10051	9DK001-81060	J	Ferrite Bead			AF
FB10052	9DK001-81060	J	Ferrite Bead			AF
FB10053	9DK001-81060	J	Ferrite Bead			AF
S10001	9DK001-70012	J	SSSS812-B-2B			AL
CN10003	9DK001-60078	J	DVI Connector			AQ
CN10008	9DK001-60070	J	Connector, 12pin			AH
CN10009	9DK001-60071	J	Connector, 13pin			AH
CN10001	9DK001-60074	J	Connector, 15pin			AL
CN10005	9DK001-60066	J	D-Sub, 9pin			AT
CN10006	9DK001-60067	J	Connector, 30pin			AK
CN10007	9DK001-60058	J	Connector, 50pin			AS
TP10004	9DK001-84014	J	Lug			AE

Ref. No.	Part No.	★	Description	Code

DUNTKA658FE13 (LC-30HV4U)
DUNTKA658FE12 (LC-30HV4D)
LCD CONTROL Unit (Display)

INTEGRATED CIRCUITS

IC4101	VHiMB8346BV-1Y	J	MB88346BPFV	AN
IC4102	VHiMB8346BV-1Y	J	MB88346BPFV	AN
IC4103	VHiNJM2060V-1Y	J	NJM2060V	AF
IC4104	VHiNJM2060V-1Y	J	NJM2060V	AF
IC4105	VHiNJM2060V-1Y	J	NJM2060V	AF
IC4106	VHiNJM2060V-1Y	J	NJM2060V	AF
IC4107	VHiNJM2060V-1Y	J	NJM2060V	AF
IC4108	VHiNJM2060V-1Y	J	NJM2060V	AF
IC4109	VHiLM6134BX-1Y	J	LM6134BIMX	AQ
IC4110	VHiLM6134BX-1Y	J	LM6134BIMX	AQ
IC4111	VHiNJM4580V-1Y	J	NJM4580V	AE
IC4112	VHiPQ20VZ11-1Y	J	PQ20VZ11	AG
IC4513	VHiTC74AC8T-1Y	J	TC74AC08FT	AF
IC4514	VHiTC74AC8T-1Y	J	TC74AC08FT	AF
IC4515	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC4516	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC4551	RH-iX3493CEZZQ	J	EPF10K100EQC	BE
IC4554	RH-iXA302WJN1Q	J	EPC2TC32	AV
IC4555	VHiLT1615ES-1Y	J	LT1615ES5	AP
IC4556	VHiPQ05DZ1U-1Y	J	PQ05DZ1U	AG
IC4557	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC4558	VHiLT1617ES-1Y	J	LT1617ES5	AP
IC4559	VHiLTC1872+-1Y	J	LTC1872ES6	AR
IC4560	VSSi4884DY+-1Y	J	SI4884DY-T1	AG
IC4701	RH-iX3493CEZZQ	J	EPF10K100EQC	BE
IC4702	RH-iX3636CEZZQ	J	MS81V10160-12	BC
IC4704	RH-iXA391WJN1Q	J	EPC2TC32	AV
IC4901	RH-iX3493CEZZQ	J	EPF10K100EQC	BE
IC4902	RH-iX3636CEZZQ	J	MS81V10160-12	BC
IC4903	VHiTC74AC8T-1Y	J	TC74AC08FT	AF
IC4904	RH-iXA390WJN1Q	J	EPC2TC32	AV

TRANSISTORS

Q4101	VS2SD1664Q/-1Y	J	2SD1664Q	AC
Q4103	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4105	VSDTC114YE/-1Y	J	DTC114YE	AB
Q4551	VS2SK1826++-1Y	J	2SK1826++	AC
Q4553	VS2SK1826++-1Y	J	2SK1826++	AC
Q4554	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q4555	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4556	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4557	VSTP0610T++-1Y	J	TP0610T++	AD
Q4650	VS2SA1530AR-1Y	J	2SA1530AR	AB

DIODES

D4102	VHDDAN222//-1Y	J	Diode	AA
D4103	VHDSC8024//-1Y	J	Diode	AC
D4104	VHDSC8024//-1Y	J	Diode	AC
D4106	VHDHSU119//-1Y	J	Diode	AB
D4501	VHDSFPB54//2EY	J	Diode	AC
D4502	VHDSFPB54//2EY	J	Diode	AC
D4551	VHDHSU119//-1Y	J	Diode	AB
D4552	VHDHSU119//-1Y	J	Diode	AB
D4556	VHDSFPB54//2EY	J	Diode	AC
D4557	VHD1SS355//-1Y	J	Diode	AB
D4558	VHDHSU119//-1Y	J	Diode	AB
D4559	VHDSFPB74//2EY	J	Diode	AD
D4560	VHDSFPB54//2EY	J	Diode	AC
D4561	VHDSFPB74//2EY	J	Diode	AD
D4562	RH-EX1274CEZZY	J	Zener Diode, 13V	AB
D4563	VHDHSU119//-1Y	J	Diode	AB
D4564	VHDHSU119//-1Y	J	Diode	AB

FILTERS AND COILS

FL4501	RFiLNA002WJZZY	J	Filter	AD
FL4502	RFiLNA002WJZZY	J	Filter	AD
FL4503	RFiLNA002WJZZY	J	Filter	AD
FL4505	RFiLNA002WJZZY	J	Filter	AD
FL4506	RFiLNA002WJZZY	J	Filter	AD
FL4510	RFiLNA021WJZZY	J	Filter	AE

DUNTKA658FE13 (LC-30HV4U)
DUNTKA658FE12 (LC-30HV4D)
LCD CONTROL Unit (Display) (Continued)

Ref. No.	Part No.	★	Description	Code
FL4511	RFiLNA021WJZZY	J	Filter	AE
FL4512	RFiLNA021WJZZY	J	Filter	AE
FL4513	RFiLNA021WJZZY	J	Filter	AE
FL4514	RFiLNA021WJZZY	J	Filter	AE
FL4515	RFiLNA021WJZZY	J	Filter	AE
FL4516	RFiLNA021WJZZY	J	Filter	AE
FL4517	RFiLNA021WJZZY	J	Filter	AE
FL4518	RFiLNA021WJZZY	J	Filter	AE
FL4519	RFiLNA021WJZZY	J	Filter	AE
FL4520	RFiLNA021WJZZY	J	Filter	AE
FL4521	RFiLNA021WJZZY	J	Filter	AE
FL4522	RFiLNA021WJZZY	J	Filter	AE
FL4523	RFiLNA021WJZZY	J	Filter	AE
FL4524	RFiLNA021WJZZY	J	Filter	AE
FL4525	RFiLNA021WJZZY	J	Filter	AE
FL4526	RFiLNA021WJZZY	J	Filter	AE
FL4527	RFiLNA021WJZZY	J	Filter	AE
FL4528	RFiLNA021WJZZY	J	Filter	AE
FL4529	RFiLNA021WJZZY	J	Filter	AE
FL4530	RFiLNA021WJZZY	J	Filter	AE
FL4531	RFiLNA021WJZZY	J	Filter	AE
FL4532	RFiLNA021WJZZY	J	Filter	AE
FL4533	RFiLNA021WJZZY	J	Filter	AE
FL4534	RFiLNA027WJZZY	J	Filter	AD
FL4535	RFiLNA027WJZZY	J	Filter	AD
FL4536	RFiLNA002WJZZY	J	Filter	AD
FL4537	RFiLNA002WJZZY	J	Filter	AD
FL4553	RFiLNA002WJZZY	J	Filter	AD
FL4554	RFiLNA002WJZZY	J	Filter	AD
FL4555	RFiLN0533CEZZY	J	Filter	AC
FL4601	RFiLNA027WJZZY	J	Filter	AD
L4501	RCiLP0402CEZZY	J	Coil	AF
L4502	RCiLP0402CEZZY	J	Coil	AF
L4503	RCiLP0343TAZZY	J	Coil	AD
L4504	RCiLP0343TAZZY	J	Coil	AD
L4510	RCiLP0343TAZZY	J	Coil	AD
L4551	VPBWM100KR50NY	J	Peaking 10µH	AC
L4552	RCiLP0402CEZZY	J	Coil	AF
L4553	VPBWM220K1R2NY	J	Peaking 22µH	AC
L4554	VPBWM220K1R2NY	J	Peaking 22µH	AC
L4555	RCiLP0323TAZZY	J	Coil	AD
L4556	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L4557	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L4558	RCiLP0343TAZZY	J	Coil	AD
L4601	RCiLP0343TAZZY	J	Coil	AD
L4602	RCiLP0343TAZZY	J	Coil	AD

CONTROL

R4648	RVR-M0116CEZZY	J	6.8k	AC

CAPACITORS

C4101	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4102	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4104	VCEASK0JN476MY	J	47	6.3V	Electrolytic	AD
C4105	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4108	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4109	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4110	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4111	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4112	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4113	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4114	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4115	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4116	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4117	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4118	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4119	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4120	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4121	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4122	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4123	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4124	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4125	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4126	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4127	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4128	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4129	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C4130	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4132	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4133	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C4135	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4137	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4138	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4139	VCEASK0JN107MY	J	100	6.3V	Electrolytic	AD
C4140	VCEASK1EN107MY	J	100	25V	Electrolytic	AC
C4501	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4502	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4503	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4507	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C4516	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C4517	VCCCCY1HH681JY	J	680p	50V	Ceramic	AB
C4518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4519	VCCCCY1HH681JY	J	680p	50V	Ceramic	AB
C4522	VCEAPF0JN476MY	J	47	6.3V	Electrolytic	AD
C4523	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4524	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4525	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4526	VCEASK1CN227MY	J	220	16V	Electrolytic	AC
C4527	VCEASK1CN227MY	J	220	16V	Electrolytic	AC
C4528	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C4529	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C4530	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C4531	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C4532	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4535	RC-KZ0069TAZZY	J	10	10V	Ceramic	AE
C4536	RC-KZ0069TAZZY	J	10	10V	Ceramic	AE
C4537	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C4538	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C4542	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4545	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4546	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4547	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4548	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4549	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4550	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4551	VCEASK0JN227MY	J	220	6.3V	Electrolytic	AC
C4552	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4553	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4554	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4555	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4556	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4557	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4558	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4559	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4560	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4561	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4562	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4563	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4564	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4565	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4566	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4567	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4568	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4569	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4570	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4571	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4572	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4573	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4574	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4575	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4576	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4577	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4578	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4584	RC-KZ0053TAZZY	J	10	10V	Ceramic	AD

DUNTKA658FE13 (LC-30HV4U)
DUNTKA658FE12 (LC-30HV4D)
LCD CONTROL Unit (Display) (Continued)

Ref. No.	Part No.	★			Description	Code
C4585	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4588	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4589	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4590	VCEASK1HN106MY	J	10	50V	Electrolytic	AD
C4591	VCEASK0JN476MY	J	47	6.3V	Electrolytic	AD
C4592	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4593	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4594	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4595	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4596	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C4597	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4598	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C4599	VCEAPF0JN107MY	J	100	6.3V	Electrolytic	AD
C4602	VCAAPF1AJ157MY	J	150	10V	Electrolytic	AG
C4603	VCEASK1CN227MY	J	220	16V	Electrolytic	AC
C4604	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4606	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4607	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C4608	RC-KZ0053TAZZY	J	10	10V	Ceramic	AD
C4609	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4610	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4611	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4613	VCCCCY1HH5R0CYJ		5p	50V	Ceramic	AA
C4614	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C4615	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4616	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C4617	VCEASK1EN476MY	J	47	25V	Electrolytic	AD
C4618	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C4619	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4620	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4621	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4622	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4640	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C4641	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C4642	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C4643	VCAAPF0JJ107MY	J	100	6.3V	Electrolytic	AF
C4655	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4656	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4657	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C4658	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4702	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4703	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4704	VCEASK0JN227MY	J	220	6.3V	Electrolytic	AC
C4705	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4706	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4707	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4708	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4710	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4711	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4712	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4714	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4715	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4716	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4717	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4718	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4719	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4720	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4721	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4722	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4723	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4724	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4725	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4726	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4727	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4728	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4729	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4730	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4731	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4732	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4733	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4734	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4735	VCEAPF0JN107MY	J	100	6.3V	Electrolytic	AD
C4736	RC-KZ0074TAZZY	J	10	6.3V	Ceramic	AF
C4740	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4741	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4742	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4743	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4744	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4745	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4746	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4747	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4748	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4749	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4750	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4901	RC-KZ0074TAZZY	J	10	6.3V	Ceramic	AF
C4902	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4903	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4904	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4905	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4906	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4907	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4908	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4909	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4910	VCEASK0JN227MY	J	220	6.3V	Electrolytic	AC
C4911	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4912	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4913	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4914	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4915	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4917	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4918	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4919	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4920	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4921	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4922	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4923	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4924	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4925	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4926	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4927	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4928	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4929	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4930	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4931	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4932	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4933	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4934	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4935	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4936	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4937	VCEAPF0JN107MY	J	100	6.3V	Electrolytic	AD
C4938	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4939	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4940	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4941	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4942	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4946	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4947	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4948	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4949	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4950	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4951	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4952	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4953	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C4954	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

RESISTORS

R4110	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R4111	VRS-CY1JF273FY	J	27k	1/16W	Metal Oxide	AA
R4112	VRS-CY1JF273FY	J	27k	1/16W	Metal Oxide	AA
R4113	VRS-CY1JF273FY	J	27k	1/16W	Metal Oxide	AA
R4114	VRS-CY1JF273FY	J	27k	1/16W	Metal Oxide	AA
R4115	VRS-CY1JF562FY	J	5.6k	1/16W	Metal Oxide	AA
R4116	VRS-CY1JF562FY	J	5.6k	1/16W	Metal Oxide	AA

DUNTKA658FE13 (LC-30HV4U)
DUNTKA658FE12 (LC-30HV4D)
LCD CONTROL Unit (Display) (Continued)

Ref. No.	Part No.	★	Description			Code
R4117	VRS-CY1JF562FY	J	5.6k	1/16W	Metal Oxide	AA
R4118	VRS-CY1JF392FY	J	3.9k	1/16W	Metal Oxide	AA
R4119	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4120	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4121	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4122	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4123	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4124	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4125	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4126	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4127	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4128	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4129	VRS-CY1JF393FY	J	39k	1/16W	Metal Oxide	AA
R4130	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4131	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4132	VRS-CY1JF163FY	J	16k	1/16W	Metal Oxide	AA
R4133	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4134	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4135	VRS-CY1JF393FY	J	39k	1/16W	Metal Oxide	AA
R4136	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4137	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4138	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4139	VRS-CY1JF822FY	J	8.2k	1/16W	Metal Oxide	AA
R4140	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4141	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4142	VRS-CY1JF153FY	J	15k	1/16W	Metal Oxide	AA
R4147	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4148	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4149	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4150	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4151	VRS-CY1JF153FY	J	15k	1/16W	Metal Oxide	AA
R4152	VRS-CY1JF153FY	J	15k	1/16W	Metal Oxide	AA
R4153	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4154	VRS-CY1JF153FY	J	15k	1/16W	Metal Oxide	AA
R4155	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4156	VRS-CY1JF223FY	J	22k	1/16W	Metal Oxide	AA
R4157	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4158	VRS-CY1JF432FY	J	4.3k	1/16W	Metal Oxide	AA
R4159	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4160	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4161	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4162	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4164	VRS-CY1JF273FY	J	27k	1/16W	Metal Oxide	AA
R4165	VRS-CY1JF273FY	J	27k	1/16W	Metal Oxide	AA
R4166	VRS-CY1JF473FY	J	47k	1/16W	Metal Oxide	AA
R4167	VRS-CY1JF273FY	J	27k	1/16W	Metal Oxide	AA
R4168	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4169	VRS-CY1JF562FY	J	5.6k	1/16W	Metal Oxide	AA
R4170	VRS-CY1JF562FY	J	5.6k	1/16W	Metal Oxide	AA
R4171	VRS-CY1JF562FY	J	5.6k	1/16W	Metal Oxide	AA
R4172	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4173	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4174	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4175	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4176	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4177	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4178	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4179	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4180	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4181	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4182	VRS-CY1JF133FY	J	13k	1/16W	Metal Oxide	AA
R4183	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4184	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4185	VRS-CY1JF153FY	J	15k	1/16W	Metal Oxide	AA
R4186	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4187	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4188	VRS-CY1JF223FY	J	22k	1/16W	Metal Oxide	AA
R4189	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4190	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4191	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4192	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4193	VRS-CY1JF113FY	J	11k	1/16W	Metal Oxide	AA
R4194	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R4195	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4200	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4201	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4202	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4203	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4204	VRS-CY1JF133FY	J	13k	1/16W	Metal Oxide	AA
R4205	VRS-CY1JF183FY	J	18k	1/16W	Metal Oxide	AA
R4206	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4207	VRS-CY1JF153FY	J	15k	1/16W	Metal Oxide	AA
R4208	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4209	VRS-CY1JF183FY	J	18k	1/16W	Metal Oxide	AA
R4210	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4211	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4212	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4213	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4214	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4215	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R4216	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4217	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4218	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4219	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4220	VRS-CY1JF162FY	J	1.6k	1/16W	Metal Oxide	AA
R4221	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R4223	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4232	VRS-TW2ED330JY	J	33	1/4W	Metal Oxide	AA
R4234	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4235	VRS-CY1JF153FY	J	15k	1/16W	Metal Oxide	AA
R4236	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4237	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4238	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4244	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4245	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4246	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4247	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4248	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4249	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4250	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4251	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4252	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4253	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4254	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4255	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4256	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4257	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4258	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4259	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R4260	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R4261	VRS-CY1JF243FY	J	24k	1/16W	Metal Oxide	AA
R4262	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4263	VRS-TW2ED331JY	J	330	1/4W	Metal Oxide	AB
R4501	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4502	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4503	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4504	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4505	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4506	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4507	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4508	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4509	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4510	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4511	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4512	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R4513	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R4514	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R4518	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R4519	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R4521	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R4522	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R4523	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4524	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R4525	VRS-CB1JF000JY	J	0	1/16W	Metal Oxide	AC
R4526	VRS-CB1JF000JY	J	0	1/16W	Metal Oxide	AC
R4527	VRS-CB1JF000JY	J	0	1/16W	Metal Oxide	AC

DUNTKA658FE13 (LC-30HV4U)
DUNTKA658FE12 (LC-30HV4D)
LCD CONTROL Unit (Display) (Continued)

Ref. No.	Part No.	★	Description	Code
R4528	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4529	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4530	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4531	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4532	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4533	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4534	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4535	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4536	VRS-CB1JF000JY	J	0 1/16W Metal Oxide	AC
R4552	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4555	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4565	VRS-CB1JF102JY	J	1k 1/16W Metal Oxide	AA
R4570	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4576	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4579	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4581	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4582	VRS-CB1JF102JY	J	1k 1/16W Metal Oxide	AA
R4584	VRS-CB1JF330JY	J	33 1/16W Metal Oxide	AC
R4585	VRS-CB1JF330JY	J	33 1/16W Metal Oxide	AC
R4586	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4587	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4590	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4593	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4602	VRS-CB1JF330JY	J	33 1/16W Metal Oxide	AC
R4607	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4611	VRS-TV1JD330JY	J	33 1/16W Metal Oxide	AA
R4613	VRS-CA1JF330JY	J	33 1/16W Metal Oxide	AC
R4615	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R4618	RBLN-0076TAZZ	J	Ferrite Bead	AC
R4620	VRS-CA1JF330JY	J	33 1/16W Metal Oxide	AC
R4624	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R4627	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R4631	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4632	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4633	VRS-CY1JF154FY	J	150k 1/16W Metal Oxide	AA
R4634	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R4635	RR-NZ0027TAZZY	J	0.056 1/4W Metal Film	AC
R4636	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4637	VRS-CY1JF623FY	J	62k 1/16W Metal Oxide	AA
R4645	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4646	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4647	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4649	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4650	VRS-TW2ED270JY	J	27 1/4W Metal Oxide	AA
R4651	VRS-TV1JD223JY	J	22k 1/16W Metal Oxide	AA
R4652	VRS-TX2HF472JY	J	4.7k 1/2W Metal Oxide	AB
R4653	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R4654	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R4655	VRS-TX2HF682JY	J	6.8k 1/2W Metal Oxide	AB
R4656	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4657	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4658	VRS-TW2ED821JY	J	820 1/4W Metal Oxide	AB
R4659	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R4660	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4661	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R4676	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4677	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4678	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4679	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4680	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4681	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4682	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4683	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4684	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4685	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4686	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4687	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R4691	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4703	VRK-CD1JJ220JY	J	22 1/16W Metal Comp.	AC
R4704	VRK-CD1JJ220JY	J	22 1/16W Metal Comp.	AC
R4707	VRK-CD1JJ220JY	J	22 1/16W Metal Comp.	AC
R4709	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4711	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4712	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4713	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4715	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4717	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4718	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4719	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4726	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4727	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4732	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4733	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4734	VRS-CB1JF102JY	J	1k 1/16W Metal Oxide	AA
R4738	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4739	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4902	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4903	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4904	VRK-CD1JJ220JY	J	22 1/16W Metal Comp.	AC
R4905	VRK-CD1JJ220JY	J	22 1/16W Metal Comp.	AC
R4908	VRK-CD1JJ220JY	J	22 1/16W Metal Comp.	AC
R4909	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4910	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R4911	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4912	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4914	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4917	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4919	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4925	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4926	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R4930	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4931	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4933	VRS-CB1JF330JY	J	33 1/16W Metal Oxide	AC
R4934	VRS-CB1JF102JY	J	1k 1/16W Metal Oxide	AA
R4935	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4936	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4956	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4965	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB4505	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4507	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4511	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4601	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4906	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4907	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4909	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4911	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
P4101	QPLGN0177FJZZY	J	Plug, 5-pin(PC)	AC
P4505	QLUGHA001WJZZY	J	Lug	AD
P4506	QLUGHA001WJZZY	J	Lug	AD
P4507	QLUGHA001WJZZY	J	Lug	AD
P4508	QLUGHA001WJZZY	J	Lug	AD
P4509	QLUGHA001WJZZY	J	Lug	AD
P4551	QPLGN0060CEZZY	J	Plug, 10-pin	AE
P4701	QPLGN1074TAZZY	J	Plug, 10-pin	AD
P4901	QCNCM0054CEZZ	J	Connector, 80-pin	AT
P4902	QPLGN1074TAZZY	J	Plug, 10-pin	AD
SC4101	QSOCN0488FJZZY	J	Socket, 22-pin(MC)	AE
SC4501	QSOCN0687FJZZY	J	Socket, 50-pin(SCN2)	AF
SC4502	QSOCN0688FJZZY	J	Socket, 53-pin(SCN1)	AF
SC4503	QSOCN0687FJZZY	J	Socket, 50-pin(SCN4)	AF
SC4504	QSOCN0688FJZZY	J	Socket, 53-pin(SCN3)	AF
SC4551	QSOCN0684FJZZY	J	Socket, 30-pin(GD)	AF
	QCNW-A184WJZZ	J	Connecting Cord	AG

DKEYHB797FE11 (LC-30HV4U)
DKEYHB797FE12 (LC-30HV4D)
MAIN Unit (Display)

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC2001	RH-iXA541WJN2Q	J	I.C.	BD
IC2002	VHiPST529DM-1Y	J	PST529DMT	AE
IC2003	VHiBR24C08F-1Y	J	BR24C08F-E2	AF
IC2005	VHiNJM2904M-1Y	J	NJM2904M	AE
IC2006	VHiNJM2904M-1Y	J	NJM2904M	AE
IC2007	VHiTC4066BF1EY	J	TC4066BF	AE
IC2101	VHiAN8005M/-1Y	J	AN8005M	AD
IC2102	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC2104	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC2105	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC2203	VHiHN24128F-1Y	J	HN58X24128FPI	AP
IC2204	VHi24LC21++8EY	J	24LC21	
IC2205	VHiTC7W34U/-1Y	J	TC7W34FU	AE

Note: When replace the following parts, PWB replacement correspondence.

IC2201	—	–	TMDS Receiver	—
IC2202	—	–	KEY	—

TRANSISTORS

Q2003	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2004	VSNDS355AN/-1Y	J	NDS355AN	AE
Q2005	VSNDS355AN/-1Y	J	NDS355AN	AE
Q2006	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2007	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2008	VSDTA114EE/-1Y	J	DTA114EE	AB
Q2013	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2014	VSDTA114EE/-1Y	J	DTA114EE	AB
Q2015	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2101	VSDTA114EE/-1Y	J	DTA114EE	AB
Q2102	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2103	VSDTA114EE/-1Y	J	DTA114EE	AB
Q2104	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2105	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2106	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2203	VSNDS355AN/-1Y	J	NDS355AN	AE
Q2204	VSNDS355AN/-1Y	J	NDS355AN	AE
Q2205	VSDTA114EE/-1Y	J	DTA114EE	AB
Q2206	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2207	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2208	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2209	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2210	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2211	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2212	VSDTA114EE/-1Y	J	DTA114EE	AB
Q2213	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2214	VSDTA114EE/-1Y	J	DTA114EE	AB
Q2215	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2216	VSDTA114EE/-1Y	J	DTA114EE	AB

DIODES

D2001	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2002	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2003	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2004	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2101	VHDHSU119//-1Y	J	Diode	AB
D2103	VHDSFPB74//2EY	J	Diode	AD
D2104	VHDSFPB74//2EY	J	Diode	AD
D2201	VHDDA221///-1Y	J	Diode	AB
D2202	VHDDAN222//-1Y	J	Diode	AA
D2203	VHDDA221///-1Y	J	Diode	AB
D2204	VHDHSU119//-1Y	J	Diode	AB
D2210	VHDHSU119//-1Y	J	Diode	AB
TH2001	VHHM1103J03-1Y	J	Thermistor	AC

PACKAGED CIRCUIT

X2201	RCRSZ0093CEZZY	J	Crystal	AM

FILTERS AND COILS

CF2001	RFiLZ0169TAZZY	J	Ceramic Filter	AD
FL2201	RFiLNA022WJZZY	J	Filter	AE
FL2202	RFiLNA022WJZZY	J	Filter	AE
FL2203	RFiLNA022WJZZY	J	Filter	AE
FL2204	RFiLNA022WJZZY	J	Filter	AE
FL2205	RFiLNA022WJZZY	J	Filter	AE
FL2206	RFiLNA022WJZZY	J	Filter	AE
FL2207	RFiLNA022WJZZY	J	Filter	AE
FL2208	RFiLNA022WJZZY	J	Filter	AE
FL2209	RFiLNA022WJZZY	J	Filter	AE
FL2210	RFiLNA022WJZZY	J	Filter	AE
FL2211	RFiLNA022WJZZY	J	Filter	AE
FL2212	RFiLNA022WJZZY	J	Filter	AE
FL2213	RFiLNA022WJZZY	J	Filter	AE
FL2214	RFiLNA022WJZZY	J	Filter	AE
FL2215	RFiLNA029WJZZY	J	Filter	
L2103	RCiLP0422CEZZY	J	Coil	AF
L2104	RCiLP0422CEZZY	J	Coil	AF

CAPACITORS

C2001	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2002	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2003	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2004	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2006	VCEAPF0JN107MY	J	100	6.3V	Electrolytic	AD
C2007	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2008	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2009	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2010	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2011	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2012	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C2013	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2014	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2016	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2017	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2019	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2101	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C2102	VCEAPF1CN226MY	J	22	16V	Electrolytic	AD
C2103	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2104	VCEASK1CN107MY	J	100	16V	Electrolytic	AC
C2106	VCEASK1CN337MY	J	330	16V	Electrolytic	AD
C2107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2111	VCEASK1CN227MY	J	220	16V	Electrolytic	AC
C2112	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2113	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C2114	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2115	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C2116	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2117	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C2118	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2119	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2120	VCEASK1CN107MY	J	100	16V	Electrolytic	AC
C2121	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C2122	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C2123	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C2124	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C2201	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C2202	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2203	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2204	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2205	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2206	VCAAPC0JJ336MY	J	33	6.3V	Electrolytic	AF
C2207	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2208	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2209	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2211	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C2212	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C2216	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C2217	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C2218	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C2219	VCEAPF0JN226MY	J	22	6.3V	Electrolytic	AD
C2220	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2221	VCAAPC0JJ336MY	J	33	6.3V	Electrolytic	AF
C2222	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2223	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2224	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2225	VCAAPC0JJ336MY	J	33	6.3V	Electrolytic	AF

DKEYHB797FE11 (LC-30HV4U)
DKEYHB797FE12 (LC-30HV4D)
MAIN Unit (Display) (Continued)

Ref. No.	Part No.	★	Description			Code
C2226	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2227	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2228	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2229	VCAAPC0JJ336MY	J	33	6.3V	Electrolytic	AF
C2230	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2231	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2232	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2233	VCKYCY1AF105ZY	J	1	10V	Ceramic	AC
C2234	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C2235	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C2238	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C2239	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2240	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2241	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2242	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2243	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2244	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2245	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2246	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2247	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2248	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2249	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2250	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2251	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2252	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C2253	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2254	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2255	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2256	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2257	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2258	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2259	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2260	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2261	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C2262	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2263	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2264	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C2265	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C2266	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C2267	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C2268	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C2269	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2270	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2271	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2272	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

RESISTORS

R2001	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2003	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R2006	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R2010	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2011	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2012	VRS-CY1JF224JY	J	220k	1/16W	Metal Oxide	AA
R2014	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2015	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R2016	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2017	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R2018	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2019	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2020	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2021	VRS-CY1JF272JY	J	2.7k	1/16W	Metal Oxide	AA
R2022	VRS-CY1JF683JY	J	68k	1/16W	Metal Oxide	AA
R2023	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2025	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R2026	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2027	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2028	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2029	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2030	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2033	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2034	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2035	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2036	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2037	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2040	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2041	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2042	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2044	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2045	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2046	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R2050	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R2052	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2053	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2054	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2055	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R2057	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2058	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R2060	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2061	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2062	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2063	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R2064	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2066	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R2070	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA
R2075	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R2077	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2078	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R2080	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2081	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2082	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2085	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2086	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2087	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2088	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2089	VRS-CY1JF153JY	J	15k	1/16W	Metal Oxide	AA
R2090	VRS-CY1JF153JY	J	15k	1/16W	Metal Oxide	AA
R2091	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2092	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2093	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2095	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2096	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2097	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2098	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2099	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2101	VRS-CY1JF202FY	J	2k	1/16W	Metal Oxide	AA
R2102	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2103	VRS-CY1JF432FY	J	4.3k	1/16W	Metal Oxide	AA
R2104	VRS-CY1JF753FY	J	75k	1/16W	Metal Oxide	AA
R2107	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R2108	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2109	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R2110	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R2111	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R2112	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2113	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R2114	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2115	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2116	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2117	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2118	VRS-TQ2BD222JY	J	2.2k	1/8W	Metal Oxide	AA
R2119	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R2120	VRS-CY1JF153JY	J	15k	1/16W	Metal Oxide	AA
R2121	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2122	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2123	VRS-TQ2BD222JY	J	2.2k	1/8W	Metal Oxide	AA
R2124	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R2125	VRS-CY1JF153JY	J	15k	1/16W	Metal Oxide	AA
R2126	VRS-TX2HF470JY	J	47	1/2W	Metal Oxide	AA
R2127	VRS-TX2HF470JY	J	47	1/2W	Metal Oxide	AA
R2150	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2151	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2153	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2156	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2157	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2158	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2159	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA

DKEYHB797FE11 (LC-30HV4U)
DKEYHB797FE12 (LC-30HV4D)
MAIN Unit (Display) (Continued)

Ref. No.	Part No.	★	Description			Code
R2160	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2161	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2202	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R2203	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2204	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R2205	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2206	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R2208	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2209	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2210	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2211	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2212	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R2213	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R2214	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2215	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2216	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2217	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2220	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2221	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2222	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2223	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2224	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2225	VRS-CY1JF182JY	J	1.8k	1/16W	Metal Oxide	AA
R2227	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2228	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2229	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2230	VRS-CY1JF822FY	J	8.2k	1/16W	Metal Oxide	AA
R2231	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2233	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2235	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2236	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2238	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R2239	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R2240	VRS-CY1JF222FY	J	2.2k	1/16W	Metal Oxide	AA
R2241	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2244	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2245	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2246	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2247	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2248	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2249	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R2250	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2251	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2252	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2255	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2256	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2257	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2258	VRS-CA1JF680JY	J	68	1/16W	Metal Oxide	AA
R2259	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2260	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2261	VRS-CY1JF511JY	J	510	1/16W	Metal Oxide	AA
R2262	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R2263	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R2265	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2266	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R2267	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R2268	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R2269	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R2270	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2271	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2272	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2273	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2274	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R2276	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R2282	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2284	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2285	VRS-CA1JF680JY	J	68	1/16W	Metal Oxide	AA
R2287	VRS-CY1JF152JY	J	1.5k	1/16W	Metal Oxide	AA
R2288	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R2290	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2291	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2293	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2294	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2295	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2296	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2297	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA
R2298	VRS-CB1JF680JY	J	68	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

FB2001	RBLN-0006TAZZY	J	Ferrite Bead			AB
FB2201	RBLN-0006TAZZY	J	Ferrite Bead			AB
FB2202	RBLN-0006TAZZY	J	Ferrite Bead			AB
FB2203	RBLN-0006TAZZY	J	Ferrite Bead			AB
FB2204	RBLN-0210TAZZY	J	Ferrite Bead			AB
FB2205	RBLN-0006TAZZY	J	Ferrite Bead			AB
FB2206	RBLN-0210TAZZY	J	Ferrite Bead			AB
FB2207	RBLN-0210TAZZY	J	Ferrite Bead			AB
FB2208	RBLN-0210TAZZY	J	Ferrite Bead			AB
FB2214	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
FB2215	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
FB2216	RBLN-0086GEZZY	J	Ferrite Bead			AB
P2002	QPLGN1074TAZZY	J	Plug, 10-pin(SB)			AD
P2003	QPLGN0874TAZZY	J	Plug, 8-pin(RM)			AD
P2004	QPLGN0364TAZZY	J	Plug, 3-pin(KK)			AC
P2005	QPLGN0059CEZZY	J	Plug, 9-pin(MA)			AE
P2006	QLUGHA001WJZZY	J	Lug			AD
P2101	QPLGN0774TAZZY	J	Plug, 7-pin(PA)			AD
P2102	QPLGN0178FJZZY	J	Plug, 6-pin(PB)			AD
P2103	QPLGN0175FJZZY	J	Plug, 3-pin(MB)			AC
P2104	QPLGN0547FJZZY	J	Plug, 10-pin(SA)			AE
P2106	QPLGN0364TAZZY	J	Plug, 3-pin(MD)			AC
P2107	QLUGHA001WJZZY	J	Lug			AD
P2201	QLUGHA001WJZZY	J	Lug			AD
P2203	QLUGHA002WJZZ	J	Lug			AB
SC2001	QSOCN2298TAZZY	J	Socket, 22-pin(MC)			AE
SC2201	QSOCZA017WJZZ	J	Socket, 24-pin(DVI)			AM
SC2202	QSOCZ2015CEZZ	J	Socket, 20-pin(NDR)			AG
SC2203	QCNCWA015WJZZ	J	Connector, 80-pin(MSC)			AU
TP2001	QPLGN0241CEZZ	J	Plug, 2-pin			AA
TP2002	QPLGN0441CEZZ	J	Plug, 4-pin			AB
	PSLDMA020WJZZ	J	Shield			AH
	PSLDMA034WJZZ	J	Shield			AN
	PSLDMA036WJZZ	J	Shield			AL
	PSLDM4716CEFW	J	Shield			AK
	QCNW-A346WJZZ	J	Connecting Cord(KK)			AD
	QCNW-A347WJZZ	J	Connecting Cord(MD)			AD
	QCNW-A348WJZZ	J	Connecting Cord(PA)			AG
	QCNW-A349WJZZ	J	Connecting Cord(PB)			AE
	QCNW-A350WJZZ	J	Connecting Cord(RM)			AH
	QCNW-A351WJZZ	J	Connecting Cord(SA)			AF
	QCNW-A352WJZZ	J	Connecting Cord(SB)			AH
	NSFTZ0135CEFW	J	Shaft Screw, x2			AD
	PFLT-A010WJZZ	J	Felt			AE
	PFLT-A011WJZZ	J	Felt			AE

DUNTKB798DE02 (LC-30HV4U)
DUNTKB798DE03 (LC-30HV4D)
AUDIO Unit (Display)

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC3801	VHiBA09T/FP-1Y	J	BA09FP-E2	AG
IC3802	VHiNJM2193M-1Y	J	NJM2193M	AS
IC3803	VHiM62393FP-1Y	J	M62393FP	AK
IC3804	VHiTA8184F/-1Y	J	TA8184F	AL
IC3805	VHiNJM4560M-1Y	J	NJM4560M	AG
IC3806	VHiNJM4560M-1Y	J	NJM4560M	AG
IC3807	VHiNJM4560M-1Y	J	NJM4560M	AG
IC3809	VHiTA2024++-1Y	J	TA2024	AX
IC3811	VHiBA05FP++-1Y	J	BA05FP-E2	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q3801	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3802	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3803	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3804	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3806	VSDTC314TK/-1Y	J	DTC314TK	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D3802	VHDDAN222//-1Y	J	Diode	AA
D3803	VHDHSU119//-1Y	J	Diode	AB
D3804	VHDDAN222//-1Y	J	Diode	AA
D3806	VHDDAN222//-1Y	J	Diode	AA
D3807	VHDSFPB54//2EY	J	Diode	AC
D3808	VHDSFPB54//2EY	J	Diode	AC
D3809	VHDSFPB54//2EY	J	Diode	AC
D3810	VHDSFPB54//2EY	J	Diode	AC
D3811	RH-EX1277CEZZY	J	Zener Diode, 15V	AB
D3812	RH-EX1277CEZZY	J	Zener Diode, 15V	AB
D3813	RH-EX1277CEZZY	J	Zener Diode, 15V	AB
D3814	RH-EX1277CEZZY	J	Zener Diode, 15V	AB
D3816	RH-EX1315CEZZY	J	Zener Diode, 6.2V	AC
D3817	RH-EX1315CEZZY	J	Zener Diode, 6.2V	AC

COILS

Ref. No.	Part No.	★	Description	Code
L3802	RCiLPA001WJZZY	J	Coil	AF
L3804	RCiLPA001WJZZY	J	Coil	AF
L3805	RCiLPA001WJZZY	J	Coil	AF
L3806	RCiLPA001WJZZY	J	Coil	AF
L3807	RCiLPA001WJZZY	J	Coil	AF

CAPACITORS

Ref. No.	Part No.	★				Code
C3801	VCEASK1CN337MY	J	330	16V	Electrolytic	AD
C3802	VCEASK1CN477MY	J	470	16V	Electrolytic	AD
C3803	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3804	VCEASK1CN227MY	J	220	16V	Electrolytic	AC
C3805	VCEASK0JN107MY	J	100	6.3V	Electrolytic	AD
C3813	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C3814	VCKYCY1CF333ZY	J	0.033	16V	Ceramic	AA
C3815	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C3816	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C3817	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C3818	VCKYCY1HB122KY	J	1200p	50V	Ceramic	AA
C3819	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C3820	VCKYCY1HB122KY	J	1200p	50V	Ceramic	AA
C3821	VCE9PF1CN106MY	J	10	16V	Elect. (N.P)	AD
C3822	VCE9PF1CN106MY	J	10	16V	Elect. (N.P)	AD
C3823	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C3824	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C3825	VCKYCY1HB392KY	J	3900p	50V	Ceramic	AA
C3826	VCKYCY1HB392KY	J	3900p	50V	Ceramic	AA
C3827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3828	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C3829	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C3830	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C3831	VCKYCY1CF104ZY	J	0.1	16V	Ceramic	AA
C3832	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C3833	VCEAPF1HN105MY	J	1	50V	Electrolytic	AD
C3834	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3835	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3836	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C3837	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C3838	VCKYCY1CF104ZY	J	0.1	16V	Ceramic	AA
C3839	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C3840	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C3841	VCQYTA1HM822J	J	8200p	50V	Mylar	AA
C3842	VCQYTA1HM822J	J	8200p	50V	Mylar	AA
C3843	VCFYFA1HA334J	J	0.33	50V	Mylar	AB
C3844	VCFYFA1HA334J	J	0.33	50V	Mylar	AB
C3845	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C3846	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C3847	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C3848	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3849	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3850	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3851	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3852	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3853	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3854	VCKYCY1CB473KY	J	0.047	16V	Ceramic	AA
C3855	VCKYCY1CB473KY	J	0.047	16V	Ceramic	AA
C3856	VCKYCY1CB473KY	J	0.047	16V	Ceramic	AA
C3857	VCKYCY1CB473KY	J	0.047	16V	Ceramic	AA
C3858	VCEAPF1HN225MY	J	2.2	50V	Electrolytic	AD
C3859	VCEAPF1HN225MY	J	2.2	50V	Electrolytic	AD
C3860	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C3861	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3863	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3864	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3865	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C3866	VCKYCY1HB223KY	J	0.022	50V	Ceramic	AA
C3868	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3869	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3870	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C3871	VCKYCY1HB223KY	J	0.022	50V	Ceramic	AA
C3872	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3873	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3874	VCKYCY1HB391KY	J	390p	50V	Ceramic	AA
C3875	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C3876	VCKYCY1HB391KY	J	390p	50V	Ceramic	AA
C3877	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C3879	VCEASK1CN227MY	J	220	16V	Electrolytic	AC
C3880	VCEAPF1EN475MY	J	4.7	25V	Electrolytic	AC
C3881	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C3882	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C3883	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3884	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3885	VCKYCY1HB821KY	J	820p	50V	Ceramic	AA
C3886	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C3887	VCKYCY1HB821KY	J	820p	50V	Ceramic	AA
C3888	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C3889	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3890	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C3891	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3892	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3893	VCEASK1CN227MY	J	220	16V	Electrolytic	AC
C3894	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3895	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3897	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C3898	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C3899	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C3900	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C3901	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C3902	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C3903	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3904	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3905	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3920	VCKYTV1HB104KY	J	0.1	50V	Ceramic	AA
C3921	VCKYTV1HB104KY	J	0.1	50V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R3801	VRS-TW2ED000JY	J	0	1/4W	Metal Oxide	AB
R3802	VRS-TW2ED000JY	J	0	1/4W	Metal Oxide	AB
R3803	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R3804	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R3806	VRS-TX2HF000JY	J	0	1/2W	Metal Oxide	AB
R3807	VRS-CB1JF101JY	J	100	1/16W	Metal Oxide	AA

DUNTKB798DE02 (LC-30HV4U)
DUNTKB798DE03 (LC-30HV4D)
AUDIO Unit (Display) (Continued)

Ref. No.	Part No.	★	Description	Code
R3808	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3811	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R3812	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R3813	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R3814	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3815	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R3816	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3817	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3818	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R3819	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R3820	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R3821	VRS-CY1JF243JY	J	24k 1/16W Metal Oxide	AA
R3822	VRS-CY1JF243JY	J	24k 1/16W Metal Oxide	AA
R3823	VRS-CY1JF243JY	J	24k 1/16W Metal Oxide	AA
R3824	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R3825	VRS-CY1JF621JY	J	620 1/16W Metal Oxide	AA
R3826	VRS-CY1JF243JY	J	24k 1/16W Metal Oxide	AA
R3827	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R3828	VRS-CY1JF621JY	J	620 1/16W Metal Oxide	AA
R3829	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R3830	VRS-CY1JF622JY	J	6.2k 1/16W Metal Oxide	AA
R3831	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3832	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3833	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3834	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3835	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3836	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3837	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3838	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3840	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3842	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3843	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3844	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3845	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R3846	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3847	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3848	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3849	VRS-CY1JF164FY	J	160k 1/16W Metal Oxide	AA
R3850	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R3852	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3853	VRS-CY1JF164FY	J	160k 1/16W Metal Oxide	AA
R3854	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R3856	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3857	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3862	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R3863	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R3864	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R3865	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R3866	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3867	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3868	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3869	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R3870	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R3871	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R3872	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R3873	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3874	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3875	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3876	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide	AA
R3877	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide	AA
R3878	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide	AA
R3879	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide	AA
R3880	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3881	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3885	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R3886	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3887	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3890	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3891	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3892	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3893	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3894	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3895	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3896	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3897	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R3898	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3899	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R3900	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3901	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R3902	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R3903	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R3904	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3905	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA
R3906	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3907	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3908	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R3909	VRS-TX2HF100JY	J	10 1/2W Metal Oxide	AB
R3910	VRS-TX2HF100JY	J	10 1/2W Metal Oxide	AB
R3911	VRS-TV1JD223JY	J	22k 1/16W Metal Oxide	AA
R3912	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R3913	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R3914	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB

MISCELLANEOUS PARTS

FB3801	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3802	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3803	RBLN-0059CEZZY	J	Ferrite Bead	AB
FB3804	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3805	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3806	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3807	RBLN-0210TAZZY	J	Ferrite Bead	AB
P3801	QPLGN0547FJZZY	J	Plug, 10-pin(SA)	AE
P3802	QPLGN0060CEZZY	J	Plug, 10-pin(SB)	AE
P3804	QPLGN0441CEZZ	J	Plug, 4-pin(SD)	AB
P3806	QLUGHA001WJZZY	J	Lug	AD
P3808	QLUGHA001WJZZY	J	Lug	AD
P3808	QLUGHA001WJZZY	J	Lug	AD

Ref. No.	Part No.	★	Description	Code

DUNTKB799DE02 (LC-30HV4U)
DUNTKB799DE03 (LC-30HV4D)
INVERTER-1 Unit (Display)

TRANSISTORS

Q6551	VS2SC5707++-1Y	J	2SC5707++	AE
Q6552	VS2SC5707++-1Y	J	2SC5707++	AE
Q6553	VS2SA1037KQ-1Y	J	2SA1037KQ	AA
Q6554	VS2SC5707++-1Y	J	2SC5707++	AE
Q6555	VS2SC5707++-1Y	J	2SC5707++	AE
Q6556	VS2SA1037KQ-1Y	J	2SA1037KQ	AA
Q6557	VS2SC5707++-1Y	J	2SC5707++	AE
Q6558	VS2SC5707++-1Y	J	2SC5707++	AE
Q6559	VS2SA1037KQ-1Y	J	2SA1037KQ	AA

COILS

L6551	RCiLPA034WJZZ	J	Coil	AD
L6553	RCiLPA034WJZZ	J	Coil	AD
L6555	RCiLPA034WJZZ	J	Coil	AD

TRANSFORMERS

⚠ T6551	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6552	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6553	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6554	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6555	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6556	RTRNZA007WJZZQ	J	Transformer		AM

CAPACITORS

C6555	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6556	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6557	RC-EZA010WJZZ	J	1000	16V	Electrolytic	AD
C6563	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6564	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6565	RC-EZA010WJZZ	J	1000	16V	Electrolytic	AD
C6571	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6572	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6573	RC-EZA010WJZZ	J	1000	16V	Electrolytic	AD
C6602	RC-FZA037WJZZ	J	0.18	250V	Film	AE
C6604	RC-FZA037WJZZ	J	0.18	250V	Film	AE
C6606	RC-FZA037WJZZ	J	0.18	250V	Film	AE

RESISTORS

R6551	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6552	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6553	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R6554	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R6555	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6556	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6557	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R6558	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R6559	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6560	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6561	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R6562	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

⚠ F6551	QFS-D0009CEZZ	J	Fuse, 2.5A/250V		AE
⚠ F6552	QFS-D0009CEZZ	J	Fuse, 2.5A/250V		AE
⚠ F6553	QFS-D0009CEZZ	J	Fuse, 2.5A/250V		AE
FH6551	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6552	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6553	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6554	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6555	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6556	QFSHD1002CEZZ	J	Fuse Holder		AA
P6551	QPLGN0155FJZZY	J	Plug, 3-pin(LA)		AE
P6553	QPLGN0155FJZZY	J	Plug, 3-pin(LB)		AE
P6555	QPLGN0155FJZZY	J	Plug, 3-pin(LC)		AE
P6557	QPLGNA059WJZZ	J	Plug, 5-pin(PG)		AC
P6565	QLUGHA001WJZZY	J	Lug		AD
P6566	QLUGHA001WJZZY	J	Lug		AD
P6567	QLUGHA001WJZZY	J	Lug		AD

Ref. No.	Part No.	★	Description	Code

DUNTKB800DE02 (LC-30HV4U)
DUNTKB800DE03 (LC-30HV4D)
INVERTER-2 Unit (Display)

TRANSISTORS

Q6560	VS2SC5707++-1Y	J	2SC5707++	AE
Q6561	VS2SC5707++-1Y	J	2SC5707++	AE
Q6562	VS2SA1037KQ-1Y	J	2SA1037KQ	AA
Q6563	VS2SC5707++-1Y	J	2SC5707++	AE
Q6564	VS2SC5707++-1Y	J	2SC5707++	AE
Q6565	VS2SA1037KQ-1Y	J	2SA1037KQ	AA
Q6566	VS2SC5707++-1Y	J	2SC5707++	AE
Q6567	VS2SC5707++-1Y	J	2SC5707++	AE
Q6568	VS2SA1037KQ-1Y	J	2SA1037KQ	AA

COILS

L6557	RCiLPA034WJZZ	J	Coil	AD
L6559	RCiLPA034WJZZ	J	Coil	AD
L6561	RCiLPA034WJZZ	J	Coil	AD

TRANSFORMERS

⚠ T6557	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6558	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6559	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6560	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6561	RTRNZA007WJZZQ	J	Transformer		AM
⚠ T6562	RTRNZA007WJZZQ	J	Transformer		AM

CAPACITORS

C6579	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6580	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6581	RC-EZA010WJZZ	J	1000	16V	Electrolytic	AD
C6587	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6588	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6589	RC-EZA010WJZZ	J	1000	16V	Electrolytic	AD
C6595	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6596	VCKYCY1CB333KY	J	0.033	16V	Ceramic	AA
C6597	RC-EZA010WJZZ	J	1000	16V	Electrolytic	AD
C6608	RC-FZA037WJZZ	J	0.18	250V	Film	AE
C6610	RC-FZA037WJZZ	J	0.18	250V	Film	AE
C6612	RC-FZA037WJZZ	J	0.18	250V	Film	AE

RESISTORS

R6563	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6564	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6565	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R6566	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R6567	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6568	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6569	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R6570	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R6571	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6572	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R6573	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R6574	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

⚠ F6554	QFS-D0009CEZZ	J	Fuse, 2.5A/250V		AE
⚠ F6555	QFS-D0009CEZZ	J	Fuse, 2.5A/250V		AE
⚠ F6556	QFS-D0009CEZZ	J	Fuse, 2.5A/250V		AE
FH6557	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6558	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6559	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6560	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6561	QFSHD1002CEZZ	J	Fuse Holder		AA
FH6562	QFSHD1002CEZZ	J	Fuse Holder		AA
P6558	QPLGN0155FJZZY	J	Plug, 3-pin(LD)		AE
P6560	QPLGN0155FJZZY	J	Plug, 3-pin(LE)		AE
P6562	QPLGN0155FJZZY	J	Plug, 3-pin(LF)		AE
P6564	QPLGNA059WJZZ	J	Plug, 5-pin(PH)		AC
P6568	QLUGHA001WJZZY	J	Lug		AD
P6569	QLUGHA001WJZZY	J	Lug		AD

Ref. No.	Part No.	★	Description	Code

DUNTKB801DE02 (LC-30HV4U)
DUNTKB801DE03 (LC-30HV4D)
INVERTER-GND Unit (Display)

TRANSISTORS

Q6901	VSUPA606T//-1Y	J	UPA606T	AD
Q6902	VSUPA606T//-1Y	J	UPA606T	AD
Q6903	VSUPA606T//-1Y	J	UPA606T	AD
Q6904	VSUPA606T//-1Y	J	UPA606T	AD
Q6905	VSUPA606T//-1Y	J	UPA606T	AD
Q6906	VSUPA606T//-1Y	J	UPA606T	AD

DIODES

D6901	VHDiMN10///-1Y	J	Diode	AB
D6902	VHDiMN10///-1Y	J	Diode	AB
D6903	VHDiMN10///-1Y	J	Diode	AB
D6904	VHDiMN10///-1Y	J	Diode	AB
D6905	VHDiMN10///-1Y	J	Diode	AB
D6906	VHDiMN10///-1Y	J	Diode	AB
D6907	VHDiMN10///-1Y	J	Diode	AB
D6908	VHDiMN10///-1Y	J	Diode	AB

CAPACITORS

C6901	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6902	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6903	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6904	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6905	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6906	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6907	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6908	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6909	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6910	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6911	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC
C6912	VCKYTV1EB474KY	J	0.47	25V	Ceramic	AC

RESISTORS

R6901	VRS-CA1JF272JY	J	2.7k	1/16W	Metal Oxide	AA
R6902	VRS-CB1JF272JY	J	2.7k	1/16W	Metal Oxide	AA
R6903	VRS-CA1JF272JY	J	2.7k	1/16W	Metal Oxide	AA
R6904	VRS-CB1JF272JY	J	2.7k	1/16W	Metal Oxide	AA
R6905	VRS-CA1JF394JY	J	390k	1/16W	Metal Oxide	AA
R6906	VRS-CB1JF394JY	J	390k	1/16W	Metal Oxide	AA
R6907	VRS-CB1JF394JY	J	390k	1/16W	Metal Oxide	AA
R6908	VRS-CA1JF394JY	J	390k	1/16W	Metal Oxide	AA
R6909	VRS-CB1JF562JY	J	5.6k	1/16W	Metal Oxide	AC
R6910	VRS-CA1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R6911	VRS-CB1JF562JY	J	5.6k	1/16W	Metal Oxide	AC
R6912	VRS-CA1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R6913	VRS-CY1JF563JY	J	56k	1/16W	Metal Oxide	AA
R6914	VRS-TW2ED000JY	J	0	1/4W	Metal Oxide	AB

MISCELLANEOUS PARTS

P6901	QPLGN0155FJZZY	J	Plug, 3-pin(GA)	AE
P6902	QPLGN0155FJZZY	J	Plug, 3-pin(GB)	AE
P6903	QPLGN0155FJZZY	J	Plug, 3-pin(GC)	AE
P6904	QPLGN0155FJZZY	J	Plug, 3-pin(GD)	AE
P6905	QPLGN0155FJZZY	J	Plug, 3-pin(GE)	AE
P6906	QPLGN0155FJZZY	J	Plug, 3-pin(GF)	AE
P6907	QPLGN0364TAZZY	J	Plug, 3-pin(MD)	AC
P6908	QLUGHA001WJZZY	J	Lug	AD
P6909	QLUGHA001WJZZY	J	Lug	AD

Ref. No.	Part No.	★	Description	Code

DUNTKB802DE02 (LC-30HV4U)
DUNTKB802DE03 (LC-30HV4D)
OPERATION Unit (Display)

DIODES

D130	RH-EX0879CEZZY	J	Zener Diode, 12V	AD
D131	RH-EX0879CEZZY	J	Zener Diode, 12V	AD

RESISTORS

R130	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R131	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R132	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R133	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA

SWITCHES

SW130	QSW-K0095CEZZ	J	Switch, VOL-DOWN	AB
SW131	QSW-K0095CEZZ	J	Switch, VOL-UP	AB
SW132	QSW-K0095CEZZ	J	Switch, CH-DOWN	AB
SW133	QSW-K0095CEZZ	J	Switch, CH-UP	AB
SW134	QSW-K0095CEZZ	J	Switch, INPUT	AB
SW135	QSW-K0095CEZZ	J	Switch, POWER	AB
SW136	QSW-P0591CEZZ	J	Switch, MAIN POWER	AQ

MISCELLANEOUS PARTS

P130	QPLGN0364TAZZY	J	Plug, 3-pin(KK)	AC
P131	QPLGNA007WJZZ	J	Plug, 5-pin(AA)	AE

Ref. No.	Part No.	★	Description			Code

DUNTKB803DE02 (LC-30HV4U)
DUNTKB803DE03 (LC-30HV4D)
R/C, LED Unit (Display)

INTEGRATED CIRCUIT

IC101	VHiTPS819++-1Y	J	TPS819			AH

TRANSISTORS

Q101	VS2SC2712Y/-1Y	J	2SC2712Y			AB
Q102	VS2SC2712Y/-1Y	J	2SC2712Y			AB
Q103	VS2SC2712Y/-1Y	J	2SC2712Y			AB
Q104	VS2SC3928AR-1Y	J	2SC3928AR			AB
Q105	VS2SC3928AR-1Y	J	2SC3928AR			AB
Q106	VS2SC2712Y/-1Y	J	2SC2712Y			AB

DIODES

D101	RH-EX0879CEZZY	J	Zener Diode, 12V			AD
D102	RH-PX0419CEZZY	J	Sleep Timer Indicator			AC
D103	RH-PX0421CEZZY	J	POWER Indicator			AD
D104	RH-PX0198TAZZY	J	OPC Indicator			AC

CAPACITORS

C101	VCEAPF0JN107MY	J	100	6.3V	Electrolytic	AD
C102	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C104	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C105	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA

RESISTORS

R101	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R102	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R104	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R105	VRS-CY1JF393JY	J	39k	1/16W	Metal Oxide	AA
R106	VRS-CY1JF683JY	J	68k	1/16W	Metal Oxide	AA
R108	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R109	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R113	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R115	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R116	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

P101	QPLGN0874TAZZY	J	Plug, 8-pin(RM)			AD
RMC101	RRMCU0239CEZZ	J	Remote Control Sensor			AG
SLD101	PSLDM4646CEFW	J	Shield			AD

Ref. No.	Part No.	★	Description			Code

DUNTKB804DE02 (LC-30HV4U)
DUNTKB804DE03 (LC-30HV4D)
SPEAKER-L Unit (Display)

DIODES

D201	RH-EX1274CEZZY	J	Zener Diode, 13V			AB
D202	RH-EX1274CEZZY	J	Zener Diode, 13V			AB

CAPACITORS

C201	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA

MISCELLANEOUS PARTS

FB201	RBLN-0210TAZZY	J	Ferrite Bead			AB
FB202	RBLN-0210TAZZY	J	Ferrite Bead			AB
J201	QJAKEA003WJZZ	J	Speaker Plug			AD
P201	QPLGN0242CEZZ	J	Plug, 2-pin(SL)			AA
P205	QLUGHA001WJZZY	J	Lug			AD

DUNTKB805DE02 (LC-30HV4U)
DUNTKB805DE03 (LC-30HV4D)
SPEAKER-R Unit (Display)

DIODES

D203	RH-EX1274CEZZY	J	Zener Diode, 13V			AB
D204	RH-EX1274CEZZY	J	Zener Diode, 13V			AB

CAPACITORS

C202	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA

MISCELLANEOUS PARTS

FB203	RBLN-0210TAZZY	J	Ferrite Bead			AB
FB204	RBLN-0210TAZZY	J	Ferrite Bead			AB
J202	QJAKEA003WJZZ	J	Speaker Plug			AD
P202	QPLGN0242CEZZ	J	Plug, 2-pin(SR)			AA
P206	QLUGHA001WJZZY	J	Lug			AD

RDENCA009WJN3 (LC-30HV4U)
RDENCA009WJN1 (LC-30HV4D)
POWER Unit (Display)

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1	VHiNJM2375AD1	J	NJM2375AD	AL
IC2	VHiTNY264P/-1	J	TNY264P	AN
IC3	VHiHA17431UA4	J	HA17431	AE
IC4	VHiHA17431UA4	J	HA17431	AE
IC11	VHiHA17431UA4	J	HA17431	AE

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1	VS2SK2917//-1	J	2SK2917	AT
Q2	VS2SC2873/Y-1	J	2SC2873	AD
Q3	VSDTB114EK/-1	J	DTB114EK	AD
Q5	VS2SK2717//-1	J	2SK2717	AP
Q6	VS2SC2873/Y-1	J	2SC2873	AD
Q9	VS2SK2717//-1	J	2SK2717	AP
Q10	VS2SC2873/Y-1	J	2SC2873	AD
Q13	VSDTA124EK/-1	J	DTA124EK	AB
Q14	VSDTC124EK/-1	J	DTC124EK	AB
Q17	VSDTD114EK/-1	J	DTD114EK	AC
Q18	VSDTC124EK/-1	J	DTC124EK	AB
Q22	VSDTA124EK/-1	J	DTA124EK	AB
Q23	VSDTA124EK/-1	J	DTA124EK	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D1	VHDLN4SB60/-1	J	Bridge Diode	AK
D2	VHDFMDG26S/-1	J	Diode	AH
D3	VHD1SS193//-1	J	Diode	AB
D4	VHD1SS193//-1	J	Diode	AB
D5	VHD1SS193//-1	J	Diode	AB
D6	VHEHZU22B2/-1	J	Zener Diode	AC
D7	VHD1SS193//-1	J	Diode	AB
D8	VHD1SS193//-1	J	Diode	AB
D9	VHD1SS193//-1	J	Diode	AB
D10	VHD1SS193//-1	J	Diode	AB
D11	VHEHZU20B2/-1	J	Zener Diode	AC
D12	VHD1SS193//-1	J	Diode	AB
D18	VHDEG01C///-1	J	Diode	AD
D19	VHDEG01C///-1	J	Diode	AD
D20	VHDSFPL52V/-1	J	Diode	AD
D21	VHDFMB24L//-1	J	Diode	AG
D22	VHDFMB24L//-1	J	Diode	AG
D23	VHEHZU13B1/-1	J	Zener Diode	AC
D24	VHDFMB26L//-1	J	Diode	AH
D25	VHDFMB26L//-1	J	Diode	AH
D26	VHEHZU15B3/-1	J	Zener Diode	AC
D29	VHDSFPB69//-1	J	Diode	AE
D30	VHEHZU5.1B2-1	J	Zener Diode	AC
D31	VHD1SS193//-1	J	Diode	AB
D39	VHERLZ8.2A/-1	J	Zener Diode	AC
D44	VHD1SS193//-1	J	Diode	AB
D45	VHERLZ8.2A/-1	J	Zener Diode	AC

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
⚠ PC1	VHPPS2581L2DW	J	Photo Coupler	AE
⚠ PC2	VHPPS2581L2DW	J	Photo Coupler	AE
⚠ PC4	VHPPS2581L2DW	J	Photo Couple	AE
⚠ PC6	VHPPS2581L2DW	J	Photo Coupler	AE
⚠ PC8	VHPPS2581L2DW	J	Photo Coupler	AE
TH1	VHS8D2-10LD-1	J	Thermistor	AE
TH2	VHS8D2-10LD-1	J	Thermistor	AE
⚠ VA1	VHVNV470D10-C	J	Varistor	AE
⚠ VA4	VHVNV470D10-C	J	Varistor	AE

COILS AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ L1	RCiLZ1258SNEZ	J	Line Filter	AN
⚠ L2	RCiLZ1231SNEZ	J	Line Filter	AS
L3	RCiLC1261SNEZ	J	Choke Coil	AR
L4	RCiLC1262SNEZ	J	Choke Coil	AF
L5	RCiLC1253SNEZ	J	Choke Coil	AF
L7	RCiLC1252SNEZ	J	Choke Coil	AE
⚠ T1	RTRNP1226SNEZ	J	Transformer	AQ
⚠ T2	RTRNP1226SNEZ	J	Transformer	AQ
⚠ T3	RTRNP1227SNEZ	J	Transformer, P1227	AQ
⚠ T4	RTRNP1227SNEZ	J	Transformer, P1227	AQ
⚠ T6	RTRNP1228SNEZ	J	Transformer, P1228	AQ

CAPACITORS

Ref. No.	Part No.	★				Code
⚠ C1	RC-M2E224RESC	J	0.22	275V	Film	AE
⚠ C3	RC-M2E224RESC	J	0.22	275V	Film	AE
⚠ C4	RC-M2E473RESC	J	0.047	275V	Film	AE
C5	RC-M2W105HCEZ	J	1	450V	Film	AH
C6	RCDE0707R221S	J	220p	2kV	Ceramic	AD
C7	RC-E2W686PBFA	J	68	450V	Electrolytic	AM
C8	RC-E2W686PBFA	J	68	450V	Electrolytic	AM
C10	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C11	VCKYTV1CB474K	J	0.47	16V	Ceramic	AC
C14	RC-E1H157SKZE	J	150	50V	Electrolytic	AD
C15	RCDE0907R471S	J	470p	2kV	Ceramic	AC
C16	RCDE0907R471S	J	470p	2kV	Ceramic	AC
C17	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C18	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C19	VCKYCY1HB152K	J	1500p	50V	Ceramic	AA
C20	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C21	RCDE0907R471S	J	470p	2kV	Ceramic	AC
C22	RCDE0907R471S	J	470p	2kV	Ceramic	AC
C23	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C24	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C25	VCKYTV1HB152K	J	1500p	50V	Ceramic	AA
C26	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C27	VCKYCY1HF473Z	J	0.047	50V	Ceramic	AA
C28	RC-E1H105SNPR	J	1	50V	Electrolytic	AC
C29	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C36	RC-E2G226KMXZ	J	22	400V	Electrolytic	AH
C37	RCDE0705SL101	J	100p	2kV	Ceramic	AD
C38	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C39	RC-E1H226SKZE	J	22	50V	Electrolytic	AC
C40	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C41	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C42	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C43	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C44	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C45	VCKYCY1AB474K	J	0.47	10V	Ceramic	AC
C46	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C47	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C48	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C52	RC-E1E227SNHC	J	220	25V	Electrolytic	AE
C57	RC-E1A227SKZE	J	220	10V	Electrolytic	AC
C58	RC-E1A107SKZE	J	100	10V	Electrolytic	AC
C59	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
⚠ C72	RCDE1010E222M	J	2200p	250V	Ceramic	AD
⚠ C73	RCDE1010E222M	J	2200p	250V	Ceramic	AD
⚠ C74	RCDE1010E222M	J	2200p	250V	Ceramic	AD
C91	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C94	RC-E1H105SNPR	J	1	50V	Electrolytic	AC
C95	VCKYTV1CB224K	J	0.22	16V	Ceramic	AB
C96	VCKYCY1HB223K	J	0.022	50V	Ceramic	AB
C97	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C98	RCDE0705SL101	J	100p	2kV	Ceramic	AD
C99	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R1	VRS-TX2HD274J	J	270k	1/2W	Metal Oxide	AB
R2	VRS-TS2AD105J	J	1M	1/10W	Metal Oxide	AA
R3	VRS-TS2AD105J	J	1M	1/10W	Metal Oxide	AA
R4	VRS-TS2AD153J	J	15k	1/10W	Metal Oxide	AA
R5	VRS-TS2AD223J	J	22k	1/10W	Metal Oxide	AA
R6	RR-ERQ14AJ120	J	12	1/4W	Metal Oxide	AD
R7	RR-HRNMR15J2C	J	0.15	2W	Metal Oxide	AD
R8	VRS-TS2AD101J	J	100	1/10W	Metal Oxide	AA
R9	VRS-TS2AD821J	J	820	1/10W	Metal Oxide	AA
R10	VRS-TS2AD102J	J	1k	1/10W	Metal Oxide	AA
R11	RR-HRSM3R0J3W	J	3	3W	Metal Oxide	AD
R12	VRS-RE3LA330J	J	33	3W	RSI Carbon	AD
R13	VRS-TX2HD274J	J	270k	1/2W	Metal Oxide	AB
R14	VRS-TX2HD274J	J	270k	1/2W	Metal Oxide	AB
R15	VRS-TS2AD103J	J	10k	1/10W	Metal Oxide	AA
R16	VRS-TS2AD183J	J	18k	1/10W	Metal Oxide	AA

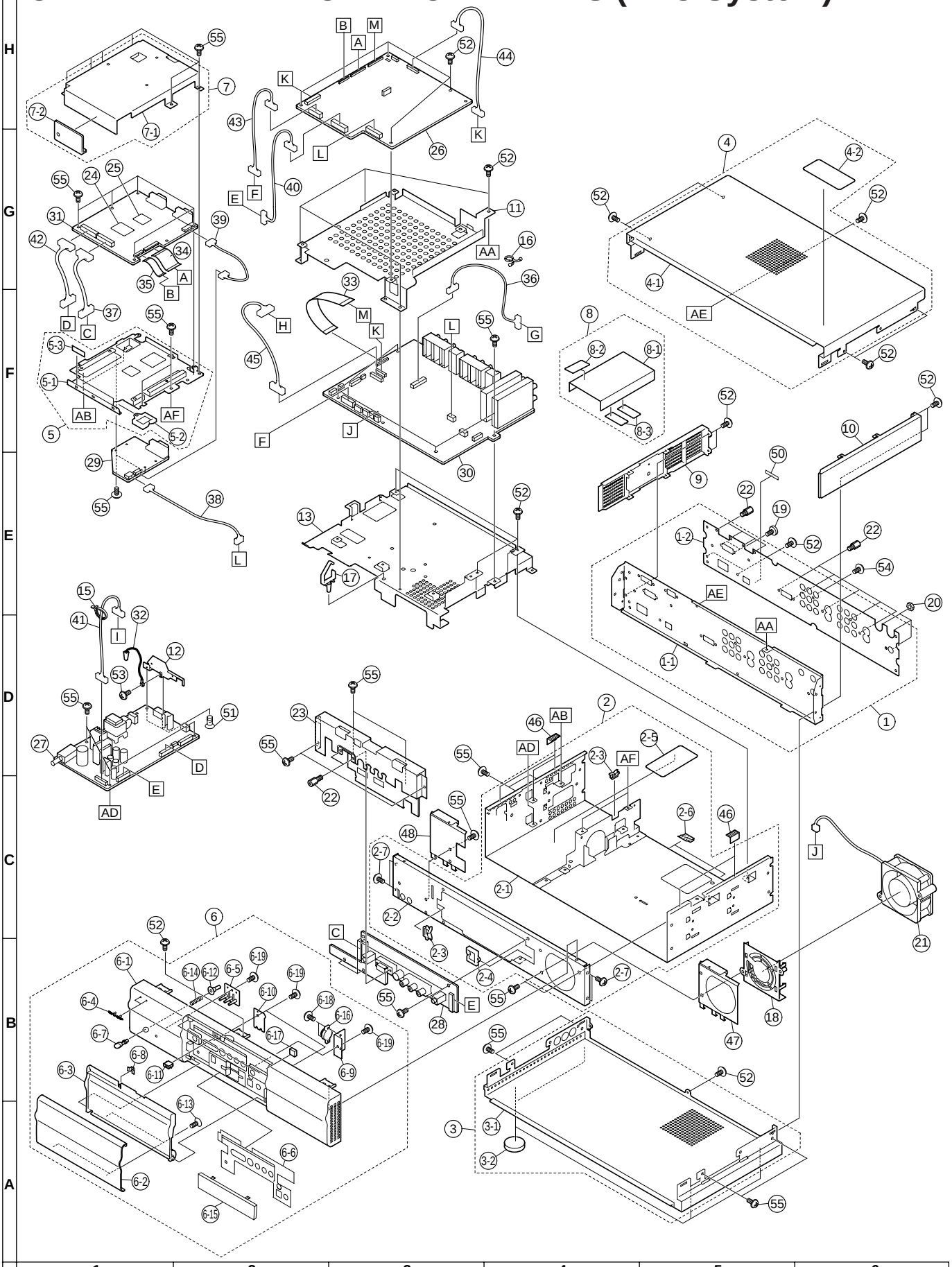
RDENCA009WJN3 (LC-30HV4U)
RDENCA009WJN1 (LC-30HV4D)
POWER Unit (Display) (Continued)

Ref. No.	Part No.	★				Code
R17	VRS-TS2AD122J	J	1.2k	1/10W	Metal Oxide	AA
R18	VRS-TW2ED821J	J	820	1/4W	Metal Oxide	AA
R19	VRS-TW2ED102J	J	1k	1/4W	Metal Oxide	AA
R20	VRS-TX2HD221J	J	220	1/2W	Metal Oxide	AB
R21	VRS-TS2AD102J	J	1k	1/10W	Metal Oxide	AA
R22	VRS-TS2AD680J	J	68	1/10W	Metal Oxide	AA
R23	VRS-TS2AD101J	J	100	1/10W	Metal Oxide	AA
R27	RR-HRSM3R0J3W	J	3	3W	Metal Oxide	AD
R28	VRS-RE3LA330J	J	33	3W	RSI Carbon	AD
R29	VRS-TX2HD274J	J	270k	1/2W	Metal Oxide	AB
R30	VRS-TX2HD274J	J	270k	1/2W	Metal Oxide	AB
R31	VRS-TS2AD103J	J	10k	1/10W	Metal Oxide	AA
R32	VRS-TS2AD183J	J	18k	1/10W	Metal Oxide	AA
R33	VRS-TS2AD122J	J	1.2k	1/10W	Metal Oxide	AA
R34	VRS-TW2ED561J	J	560	1/4W	Metal Oxide	AA
R35	VRS-TW2ED102J	J	1k	1/4W	Metal Oxide	AA
R36	VRS-TX2HD221J	J	220	1/2W	Metal Oxide	AB
R37	VRS-TS2AD102J	J	1k	1/10W	Metal Oxide	AA
R38	VRS-TS2AD680J	J	68	1/10W	Metal Oxide	AA
R39	VRS-TS2AD101J	J	100	1/10W	Metal Oxide	AA
R43	VRS-TS2AD562J	J	5.6k	1/10W	Metal Oxide	AA
R44	VRS-TS2AD513J	J	51k	1/10W	Metal Oxide	AA
R58	VRS-TX2HD152J	J	1.5k	1/2W	Metal Oxide	AB
R59	RR-ERQ14AJ3R3	J	3.3	1/4W	Carbon	AD
R60	VRS-TS2AD221J	J	220	1/10W	Metal Oxide	AA
R61	VRS-TS2AD101J	J	100	1/10W	Metal Oxide	AA
R62	VRS-TS2AD102J	J	1k	1/10W	Metal Oxide	AA
R63	VRS-TS2AD562J	J	5.6k	1/10W	Metal Oxide	AA
R64	VRS-TS2AD362F	J	3.6k	1/10W	Metal Oxide	AA
R65	VRS-TS2AD181F	J	180	1/10W	Metal Oxide	AA
R66	VRS-TS2AD102F	J	1k	1/10W	Metal Oxide	AA
R67	VRS-TS2AD101J	J	100	1/10W	Metal Oxide	AA
R68	VRS-TS2AD221J	J	220	1/10W	Metal Oxide	AA
R69	VRS-TS2AD102J	J	1k	1/10W	Metal Oxide	AA
R71	VRS-TS2AD562F	J	5.6k	1/10W	Metal Oxide	AA
R72	VRS-TS2AD301F	J	300	1/10W	Metal Oxide	AA
R73	VRS-TS2AD102F	J	1k	1/10W	Metal Oxide	AA
R81	VRS-TS2AD102J	J	1k	1/10W	Metal Oxide	AA
R82	VRS-TS2AD103J	J	10k	1/10W	Metal Oxide	AA
R83	VRS-TS2AD222J	J	2.2k	1/10W	Metal Oxide	AA
R96	VRS-TX2HD274J	J	270k	1/2W	Metal Oxide	AB
R97	VRS-TS2AD221J	J	220	1/10W	Metal Oxide	AA
R105	VRS-TP2BD754F	J	750k	1/8W	Metal Oxide	AA
R106	VRS-TP2BD824F	J	820k	1/8W	Metal Oxide	AA
R107	VRS-TS2AD103F	J	10k	1/10W	Metal Oxide	AA
R108	VRS-TS2AD223J	J	22k	1/10W	Metal Oxide	AA
R109	VRS-TS2AD104J	J	100k	1/10W	Metal Oxide	AA
⚠ R110	RR-RCR60-106J	J	10M	1/2W	Metal Oxide	
R115	VRS-TS2AD100J	J	10	1/10W	Metal Oxide	AA
R116	VRS-TP2BD824F	J	820k	1/8W	Metal Oxide	AA
R117	VRS-TP2BD914F	J	910k	1/8W	Metal Oxide	AA
R118	VRS-TS2AD103F	J	10k	1/10W	Metal Oxide	AA
R119	VRS-TS2AD102J	J	1k	1/10W	Metal Oxide	AA
R120	VRS-TS2AD221J	J	220	1/10W	Metal Oxide	AA
R121	VRS-TS2AD152J	J	1.5	1/10W	Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F1	QFS-A1130SNEZ	J	Fuse, T3.15A 250V,TR-5 382	AF
⚠ F3	QFS-A1129SNEZ	J	Fuse, T2A 250V TR-5 382	AF
⚠ F9	QFS-T1099SNEZ	J	Fuse, X25 136°C 2A P130A	AE
⚠ CN1	QSOCA1014SNEZ	J	Inlet, AC-M15PB58	AF
CN2	QCNCM1706SNEZ	J	Connector, B5P10S-VH	AF
CN3	QCNCM1771SNEZ	J	Connector, BM07B-SRSS-TB	AF
CN4	QCNCM1373SNEZ	J	Connector, B6B-PH-K-S	AD
CN5	QCNCM1395SNEZ	J	Connector, B5B-PH-K-S	AC
CN6	QCNCM1396SNEZ	J	Connector, B2B-PH-K-S	AB
CN7	QCNCM1580SN1J	J	Connector, B10B-EH	AE
⚠ RL1	RRLYD1010SNEZ	J	Relay, JZ1AFS-5V-TV	AP
	LANGK3001SNEZ	J	Inlet Angle	AG
	PRDAF3000SNEZ	J	Heat Sink- A	AG
	PRDAF3001SNEZ	J	Heat Sink- B	AG
	PRDAF3003SNEZ	J	Heat Sink- D	AG
	QTAND1017SNEZ	J	Lug	AC
⚠	PZETZ0028CEKZ	J	Insulation Sheet	AR
	LX-BZ1001SNEZ	J	Rivet	AB
	LHLDW1012SNEZ	J	UAMS-07-0	AC

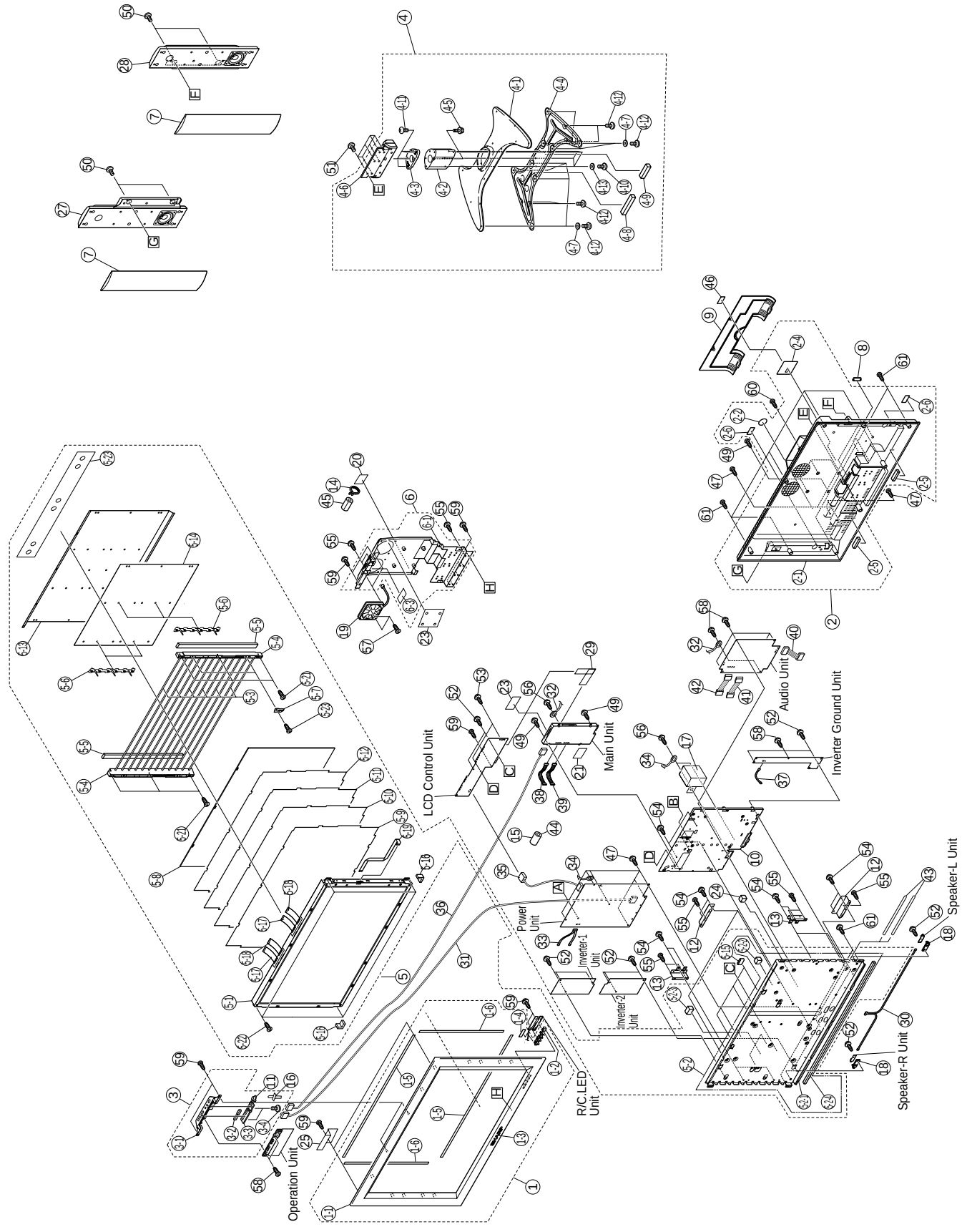
CABINET AND MECHANICAL PARTS (AVC System)



CABINET AND MECHANICAL PARTS (AVC System)

Ref. No.	Part No.	★	Description	Code
1	*Not Available*	–	Rear Panel Ass'y	—
1-1	LANGTA038WJFW	J	Rear Panel	AM
1-2	HiNDPA396WJSA	J	Indication Label (LC-30HV4U)	AP
1-2	HiNDPA352WJSA	J	Indication Label (LC-30HV4D)	
2	CCABAA289WJ01	J	Chassis Flame Ass'y	BB
2-1	*Not Available*	–	Chassis Flame	—
2-2	LANGTA027WJFW	J	Stand Angle	AG
2-3	LHLDW1021GE00	J	Wire Holder, x2	AB
2-4	LHLDW1139CEZZ	J	Wire Holder, x1	AA
2-5	PZETZA008WJZZ	J	Insulating Sheet	AH
2-6	QEARZA020WJFW	J	Earth Spring, x2	AC
2-7	XJPSN30P08XS0	J	Screw, x2	AA
3	CCABBA111WJ01	J	Bottom Cabinet Ass'y	AY
3-1	*Not Available*	–	Bottom Cabinet	—
3-2	GLEGGA012WJZZ	J	Leg, x4	AD
4	CCABBA180WJ01	J	Top Cabinet Ass'y (LC-30HV4U)	AZ
4	CCABBA180WJ02	J	Top Cabinet Ass'y (LC-30HV4D)	
4-1	*Not Available*	–	Top Cabinet	—
4-2	TCAUHA050WJZZ	J	Caution Label (LC-30HV4U)	AE
4-2	TCAUHA068WJZZ	J	Caution Label (LC-30HV4D)	
5	*Not Available*	–	PC I/F Bottom Shield Ass'y	—
5-1	LANGTA023WJFW	J	PC I/F Bottom Shield	AP
5-2	LHLDW1021GE00	J	Wire Holder, x1	AB
5-3	PFLT-A004WJZZ	J	Spacer, x1	AE
6	CPNLCA070WJ01	J	Front Panel Ass'y (LC-30HV4U)	BG
6	CPNLCA066WJ01	J	Front Panel Ass'y (LC-30HV4D)	BG
6-1	*Not Available*	–	Front Panel	—
6-2	GCOVAA288WJSA	J	Door Cover	AW
6-3	GDORFA018WJSA	J	Door	AN
6-4	HBDGBA013WJSA	J	Badge, "SHARP"	AK
6-5	HDECQA166WJSA	J	LED Cover	AF
6-6	HiNDPA290WJSA	J	Indication Label	AH
6-7	JBTN-2074CEKB	J	Power Button	AF
6-8	LANGF9552CESA	J	Angle, for Door	AC
6-9	LANGTA024WJFW	J	Angle, for Damper	AE
6-10	LANGTA047WJFW	J	Angle	AC
6-11	LHLDZ3057GEZZ	J	Magnet Holder	AE
6-12	LHLDZA138WJZZ	J	Button Holder	AD
6-13	LX-BZ3434CEFN	J	Screw, x2	AB
6-14	MSPRC0210CEFW	J	Spring, for Power Button	AB
6-15	PCOVPA014WJSA	J	Door Cover	AK
6-16	PDMPFA001WJZZ	J	Damper	AG
6-17	PSPAZ0457CESA	J	Spacer, for Door, x2	AA
6-18	XBPSD20P05000	J	Screw, x2	AA
6-19	XEBSD30P08000	J	Screw, x4	AA
7	*Not Available*	–	PC I/F Top Shield Ass'y	—
7-1	PSLDMA157WJFW	J	PC I/F Top Shield	AS
7-2	PSPAKA019WJZZ	J	Spacer	AF
8	*Not Available*	–	Earth Angle Ass'y	—
8-1	LANGTA001WJZZ	J	Earth Angle Ass'y	AF
8-2	PMLT-A001WJZZ	J	Spacer, x1	AE
8-3	QEARZA010WJZZ	J	Conductive Spacer, x2	AK
9	GCOVAA243WJSA	J	Side Cover(L)	AN
10	GCOVAA244WJSA	J	Side Cover(R)	AN
11	LANGTA022WJFW	J	MAIN Unit Angle	AN
12	LANGTA028WJFW	J	Inlet Angle	AH
13	LANGTA039WJFW	J	AV Unit Angle	AP
14	LHLDW1009CEZZ	J	Wire Holder, x1	AA
15	LHLDW1033CE00	J	Wire Holder, x1	AA
16	LHLDW1060CEZZ	J	Wire Holder, x2	AB
17	LHLDW1121GEZZ	J	Wire Holder, x1	AB
18	LHLDZ2156CEN2	J	Fan Holder	AH
19	LX-BZ3434CEFN	J	Screw, x2	AB
20	LX-NZ3047GEZZ	J	Tuner Nut, x3	AA
21	NFANR0120CEZZ	J	Cooling Fan	AU
22	NSFTZ0134CEFW	J	Shaft Screw, x8	AD
23	PSLDMA144WJFW	J	Earth Shield	AQ
24	PSPAZA121WJKZ	J	Radiating Spacer	AT
25	PSPAZA122WJKZ	J	Radiating Spacer	AK
26	DUNTKB401FE07	–	MAIN Unit	—
27	DUNTKB493FE07	–	POWER Unit (LC-30HV4U)	—
27	DUNTKB493FE08	–	POWER Unit (LC-30HV4D)	—
28	DUNTKB593DE30	–	FRONT Unit (LC-30HV4U)	—
28	DUNTKB593DE31	–	FRONT Unit (LC-30HV4D)	—
29	DUNTKB594DE30	–	SR Unit (LC-30HV4U)	—
29	DUNTKB594DE31	–	SR Unit (LC-30HV4D)	—
30	DUNTKB658FE01	–	AV Unit (LC-30HV4U)	—
30	DUNTKB658FE02	–	AV Unit (LC-30HV4D)	—
31	CPCi-A005WJ55	–	PC I/F Unit (LC-30HV4U)	—
31	CPCi-A005WJ57	–	PC I/F Unit (LC-30HV4D)	—
32	QCNW-A827WJZZ	J	Connecting Cord	AD
33	QCNW-A847WJZZ	J	Connecting Cord(Main-AV)	AD
34	QCNW-A848WJZZ	J	Connecting Cord (Main-PC I/F)	AD
35	QCNW-A849WJZZ	J	Connecting Cord (Main-PC I/F)	AC
36	QCNW-A833WJZZ	J	Connecting Cord(AV-Front)	AE
37	QCNW-A838WJZZ	J	Connecting Cord (Front-PC I/F)	AK
38	QCNW-A828WJZZ	J	Connecting Cord(AV-SR)	AK
39	QCNW-A844WJZZ	J	Connecting Cord (PC I/F-SR)	AM
40	QCNW-A825WJZZ	J	Connecting Cord (Main-Power)	AK
41	QCNW-A826WJZZ	J	Connecting Cord (Main-Power)	AG
42	QCNW-A846WJZZ	J	Connecting Cord (Power-PC I/F)	AH
43	QCNW-A822WJZZ	J	Connecting Cord(Main-AV)	AF
44	QCNW-A823WJZZ	J	Connecting Cord(Main-AV)	AM
45	QCNW-A824WJZZ	J	Connecting Cord(Main-AV)	AQ
46	QEARZ0056CEFW	J	Earth Angle, x4	AC
47	CEARZA023WJ01	J	Earth Angle, x1	
48	CEARZA024WJ01	J	Earth Angle, x1	
50	*Not Available*	–	Serial No. Label	—
51	XBBSN30P06000	J	Screw, x2	AA
52	XBPSN30P06000	J	Screw, x6	AA
53	XBPSN40P06J00	J	Screw, x1	AA
54	XEBSF30P08000	J	Screw, x6	AA
55	XJPSN30P08XS0	J	Screw, x53	AA

CABINET AND MECHANICAL PARTS (Display)



CABINET AND MECHANICAL PARTS (Display)

Ref. No.	Part No.	★	Description	Code
1	CCABAA250WJ01	J	Front Cabinet Ass'y (LC-30HV4U)	BG
1	CCABAA335WJ01	J	Front Cabinet Ass'y (LC-30HV4D)	
1-1	*Not Available*	–	Front Cabinet	—
1-2	GCOVA2064CESA	J	RC/LED Cover	AF
1-3	HBDGBA015WJSA	J	Badge, "SHARP"	AH
1-4	PSPAG0432CEUZ	J	Spacer, x2	AA
1-5	PSPAHA088WJZZ	J	Spacer, x2	
1-6	PSPAHA089WJZZ	J	Spacer, x2	AD
2	CCABBA158WJ01	J	Rear Cabinet Ass'y (LC-30HV4U)	BM
2	CCABBA173WJ01	J	Rear Cabinet Ass'y (LC-30HV4D)	
2-1	*Not Available*	–	Rear Cabinet	—
2-2	HiNDP5733CESA	J	"AQUOS" Label	AD
2-3	HiNDP5971CESA	J	Speaker Label, x2	AC
2-4	HiNDPA332WJSA	J	Model Label (LC-30HV4U)	
2-4	HiNDPA350WJSA	J	Model Label (LC-30HV4D)	
2-5	PSPAZA043WJZZ	J	Coin Cover, x2	AB
2-6	TCAUZA010WJZZ	J	Caution Label (LC-30HV4U)	AK
3	CCOVA2129CE02	J	Top Cover Ass'y (LC-30HV4U)	AS
3	CCOVA2113CE02	J	Top Cover Ass'y (LC-30HV4D)	AS
3-1	*Not Available*	–	Top Cover	—
3-2	GCOVAA259WJKA	J	Button Cover	AE
3-3	JBTN-A097WJKA	J	Operation Button	AL
3-4	XEBSD30P08000	J	Screw, x2	AA
4	CDAi-0105WJ03	J	Stand Ass'y	BV
4-1	*Not Available*	–	Stand, Base	—
4-2	GDAi-3056CESA	J	Stand, Joint	AT
4-3	GDAi-A049WJSA	J	Stand, Pillar	AU
4-4	LANGK0797CESA	J	Base Angle	BB
4-5	LX-BZ3441CEFN	J	Screw, x1	AD
4-6	MHNG-3048CESA	J	Hinge Ass'y	BR
4-7	PSPAZ0448CEZZ	J	Leg Cushion, x4	AD
4-8	PSPAZ0475CEZZ	J	Leg Cushion-A, x1	AE
4-9	PSPAZ0476CEZZ	J	Leg Cushion-B, x2	AD
4-10	TLABZ0793CESA	J	Identification Label	AC
4-11	XCBSF50P25000	J	Screw, x4	AC
4-12	XCSSN50P25000	J	Screw, x4	AB
4-13	XEBSF40P10000	J	Screw, x12	AB
4-14	XWHSF50-16120	J	Washer, x4	AB
5	*Not Available*	–	30" LCD Panel Unit Ass'y	—
5-1	RLCDTA020WJZZ	J	30" LCD Panel Unit	FY
5-2	*Not Available*	–	Back Shield Ass'y	—
5-2-1	PSLDMA126WJFW	J	Back Shield	BC
5-2-2	PSPAZA003WJZZ	J	Spacer, x1	AC
5-2-3	PSPAZA045WJZZ	J	Spacer, x3	AB
5-2-4	PSPAZA110WJZZ	J	Spacer, x1	
5-2-5	PZETEA004WJKZ	J	Insulating Sheet	
5-3	KLMP-0128CEZZ	J	Lamp Unit	AZ
5-4	LHLDZA083WJKZ	J	Lamp Holder, x2	AM
5-5	LHLDZA084WJKZ	J	Lamp Holder, x2	AL
5-6	LHLDZA085WJZZ	J	Lamp Clip, x4	AE
5-7	MSPRP1220CEFW	J	ITO Earth Spring, x2	AC
5-8	PCOVU0109CEZZ	J	Diffusion Panel	BA
5-9	PSHEP0298CEZZ	J	Deflection Sheet	BY
5-10	PSHEP0299CEZZ	J	Prism Sheet	BM
5-11	PSHEP0300CEZZ	J	Diffusion Sheet	AS
5-12	PSHEP0301CEZZ	J	ITO Sheet	BD
5-13	PSHEPA043WJZZ	J	Reflection Sheet-1	AX
5-14	PSHEPA044WJZZ	J	Reflection Sheet-2	AL
5-15	PSLDMA018WJZZ	J	Shield Tape	AX
5-16	PSPAZ0462CEZZ	J	Insulating Spacer, x2	AC
5-17	QCNW-A480WJZZ	J	Connecting Cord, x2	AM
5-18	QCNW-A481WJZZ	J	Connecting Cord, x2	AM
5-19	QCNW-B287WJZZ	J	Connecting Cord	AM
5-20	RCORFA007WJZZ	J	Core, x4	AK
5-21	XBBSD30P08000	J	Screw, x6	AA
5-22	XBPSD30P08JS0	J	Screw, x4	AA
5-23	XEBSD30P08000	J	Screw, x2	AA
6	*Not Available*	–	Reinforcement Angle Ass'y	—
6-1	LANGK0807CEFW	J	Reinforcement Angle	AZ
6-2	PCOVNA001WJKZ	J	Fan Cover	AF
6-3	PSPAZA062WJZZ	J	Spacer	AD
6-4	XBPSF30P06JS0	J	Screw, x4	AA
6-5	PSLDMA220WJFW	J	Shield Angle	
7	CPNLSA005WJ01	J	Speaker Net, x2	AX
8	GCOVA2072CEKA	J	BAS Connector Cover	AE
9	*Not Available*	–	Terminal Cover Ass'y	—
9-1	GCOVA2125CEKA	J	Terminal Cover	AR
9-2	HDECPA001WJSA	J	Decoration Sheet-A (LC-30HV4U)	AL
9-3	HDECPA002WJSA	J	Decoration Sheet-B (LC-30HV4U)	AK
10	GCOVAA287WJKA	J	Chassis Frame	AR
11	JBTN-A096WJKA	J	Power Button	AH
12	LANGK0789CEFW	J	Reinforcement Angle (Top), x4	AE
13	LANGK0792CEFW	J	Speaker Angle, x4	AF
14	LHLDW1033CEKZ	J	Wire Holder	AA
15	LHLDWA005WJZZ	J	Core Holder, x1	AE
16	LHLDZ2199CEZZ	J	Power Button Holder	AG
17	LHLDZA034WJZZ	J	BAS Connector Holder	AF
18	LHLDZ2183CEZZ	J	PWB Holder, x2	AD
19	NFANR0126CEZZ	J	Cooling Fan	AT
20	PFLT-A005WJZZ	J	Conductive Tape, X1	AG
21	PFLT-A006WJZZ	J	Conductive Spacer, X1	AK
22	PSLDMA019WJZZ	J	Conductive Sheet, x1	AD
23	PSPAG0234CE00	J	Spacer, x4	AA
24	PSPAGA101WJZZ	J	Spacer, x1	AB
25	PSPAKA004WJZZ	J	Spacer, x2	AE
26	PSPAZA046WJZZ	J	Spacer, x1	AB
27	RSP-ZA031WJN1	J	Speaker(L)	BD
28	RSP-ZA031WJN2	J	Speaker(R)	BD
29	QCNW-A345WJZZ	J	Connecting Cord(MC)	AD
30	QCNW-A353WJZZ	J	Connecting Cord(SD-SL/SR)	AE
31	QCNW-A624WJZZ	J	Connecting Cord(AA)	AL
32	QCNW-A548WJZZ	J	Connecting Cord(GND)	AH
33	QCNW-B225WJZZ	J	Connecting Cord(PE-PG/PH)	AK
34	QCNW-B286WJZZ	J	Connecting Cord(GND), x3	AH
35	QCNW-A184WJZZ	J	Connecting Cord(PC)	AG
36	QCNW-A346WJZZ	J	Connecting Cord(KK)	AD
37	QCNW-A347WJZZ	J	Connecting Cord(MD)	AD
38	QCNW-A348WJZZ	J	Connecting Cord(PA)	AG
39	QCNW-A349WJZZ	J	Connecting Cord(PB)	AE
40	QCNW-A350WJZZ	J	Connecting Cord(RM)	AH
41	QCNW-A351WJZZ	J	Connecting Cord(SA)	AF
42	QCNW-A352WJZZ	J	Connecting Cord(SB)	AH
43	QEARZA008WJZZ	J	Gasket, x2	AL
44	RCORFA008WJZZ	J	Core	AH
45	RCORFA025WJZZ	J	Core	AK
46	*Not Available*	–	Serial No. Label	—
47	XBBSF30P04000	J	Screw, x4	AA
48	XBBSF30P10000	J	Screw, x2	AA
49	XBBSF40P14000	J	Screw, x4	AB
50	XBBSF40P25000	J	Screw, x4	AA
51	XBBSN40P10R00	J	Screw, x6	AC
52	XBPSD30P08JS0	J	Screw, x19	AA
53	XBPSD30P14JS0	J	Screw, x2	AA
54	XBPSF30P06JS0	J	Screw, x14	AA
55	XBPSN30P06JS0	J	Screw, x4	AB
56	XBPSN30P12JS0	J	Screw, x2	AB
57	XBPSN30P20XS0	J	Screw, x2	AB
58	XEBSD30P06000	J	Screw, x5	AA
59	XEBSD30P08000	J	Screw, x24	AA
60	XEBSF30P10000	J	Screw, x1	AA
61	XEBSF40P16000	J	Screw, x11	AA

Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

	GDAi-A059WJSA	J	Stand	AV
	GLEGGA013WJZZ	J	Stand Cushion, x4	AC
	PSPAHA101WJZZ	J	Stand Spacer, x4	AB
	XBPSN40P14JS0	J	Stand Screw, x2	AB
	LHLDW0110CEZZ	J	Cable Clamp, x1	AE
⚠	QACCD3097CEPZ	J	AC Cord (LC-30HV4U)	AQ
⚠	QACCZ0053TAPZ	J	AC Cord (LC-30HV4D)	AP
	QCNW-6117CEZZ	J	System Cable	BP
	QCNW-A342WJZZ	J	RF Cable	AL
	RRMCGA037WJSA	J	Remote Control Unit	BR
	TCADEA028WJZZ	J	Questionnaire Card (LC-30HV4U)	AE
	TCAUZA047WJZZ	J	Caution Sheet (LC-30HV4D)	
	TiNS-A530WJZZ	J	Operation Manual (LC-30HV4U)	AY
	TiNS-A850WJZZ	J	Operation Manual (LC-30HV4D)	

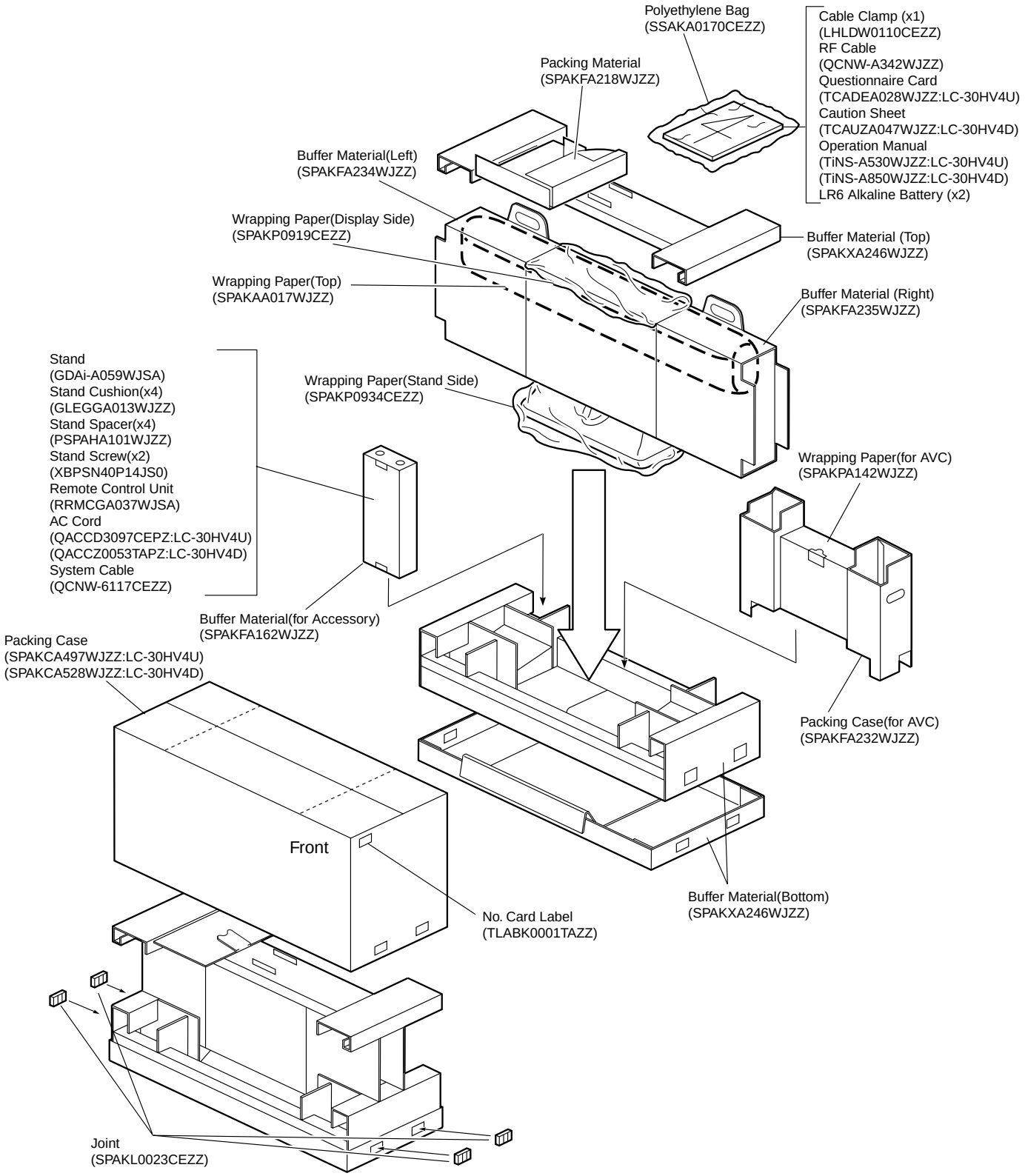
PACKING PARTS
(NOT REPLACEMENT ITEM)

	SPAKAA017WJZZ	–	Wrapping Paper (Top)	—
	SPAKCA497WJZZ	–	Packing Case (LC-30HV4U)	—
	SPAKCA528WJZZ	–	Packing Case (LC-30HV4D)	—
	SPAKFA162WJZZ	–	Buffer Material (for Accessory)	—
	SPAKFA218WJZZ	–	Packing Material	—
	SPAKFA232WJZZ	–	Packing Case (for AVC System)	—
	SPAKFA234WJZZ	–	Buffer Material(Left Side)	—
	SPAKFA235WJZZ	–	Buffer Material(Right Side)	—
	SPAKL0023CEZZ	–	Joint, x4	—
	SPAKP0919CEZZ	–	Wrapping Paper (Display Side)	—
	SPAKP0934CEZZ	–	Wrapping Paper (Stand Side)	—
	SPAKPA142WJZZ	–	Wrapping Paper (for AVC System)	—
	SPAKXA246WJZZ	–	Buffer Material(Top)	—
	SSAKA0170CEZZ	–	Polyethylene Bag	—
	TLABK0001TAZZ	–	No. Card, x2	—
	TLABK0023TAZZ	–	No. Label	—

SERVICE JIGS
(Use for servicing)

	QCNW-A407WJZZ	J	Connector, 30-pin CN6(PC I/F)-SC1501(Main)	AW
	QCNW-A408WJZZ	J	Connector, 50-pin CN7(PC I/F)-SC1502(Main)	AW
	QCNW-6102CEZZ	J	Connector, 13-pin CN9(PC I/F)-P1701(Power)	AL
	QCNW-6103CEZZ	J	Connector, 12-pin CN8(PC I/F)-P2401(Front)	AV
	QCNW-A437WJZZ	J	Connector, 50-pin LCD-SC4501,SC4503 (Digital)	AL
	QCNW-A438WJZZ	J	Connector, 53-pin LCD-SC4502,SC4503 (Digital)	AL
	QCNW-A591WJZZ	J	Connector, 7-pin Main-Power(PA)	AH
	QCNW-A592WJZZ	J	Connector, 6-pin Main-Power(PB)	AF
	QCNW-A593WJZZ	J	Connector, 5-pin Main-Power(PC)	AE

PACKING OF THE SET



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